Supplement to

JOURNAL of Cooperative EXTENSION

Cumulative Index

Volumes I-VI
1963-1968

prepared by

G. L. Carter, Jr. and Mary R. Boppell

Volume VI WINTER 1968 *Number 4, Part 2*

Journal of Cooperative Extension

Published quarterly by Extension Journal, Inc.

Edited at the University of Wisconsin, Madison, Wisconsin

OFFICE OF PUBLICATION: George Banta Co., Inc.
Curtis Reed Plaza, Menasha, Wisconsin 54952

Editor: G. L. CARTER, JR.
Editorial Asst.: BARBARA A. ABBOTT

Editorial Committee

VIRGIL N. SAPP, *Chairman* .....Dean, Division of Extension
University of Missouri, St. Louis Campus
W. L. CARPENTER ....Head, Department of Agricultural Information
North Carolina State University, Raleigh, North Carolina
R. E. CARTER .....County Agricultural Agent
Fayette County Building, Uniontown, Pennsylvania
HARRY A. COSGRIFFE .....State Leader of Extension Programs
Washington State University, Pullman, Washington
MRS. GENEVIEVE HARRIS .....Extension Home Economist
County Extension Office, Hazelhurst, Mississippi
JERRY M. MACKLIN .....State Program Leader, 4-H
University of Kentucky, Lexington, Kentucky
MASON E. MILLER .....Director, IEPD
Michigan State University, East Lansing, Michigan
W. E. MONROE .....Specialist (Agronomy)
Louisiana State University, Baton Rouge, Louisiana
MISS MARIE TRIBBLE .....Specialist in Foods and Nutrition
Oregon State University, Corvallis, Oregon
C. A. WILLIAMS .....Assistant to the Administrator
Federal Extension Service, Washington, D.C.

Supported and Sponsored by

AMERICAN ASSOCIATION OF AGRICULTURAL COLLEGE EDITORS
EPSILON SIGMA PHI
NATIONAL ASSOCIATION OF COUNTY AGRICULTURAL AGENTS
NATIONAL ASSOCIATION OF EXTENSION 4-H AGENTS
NATIONAL ASSOCIATION OF EXTENSION HOME ECONOMISTS
STATE AND FEDERAL EXTENSION SERVICES

Subscriptions: Domestic, $5 per year, $1.50 for single copies, postage paid; foreign $6 per year, $2.00 for single copies, postage paid. Address subscription inquiries to State Extension Liaison person (see last page for name and address) or Editor. Make checks payable to Extension Journal, Inc. Address all other business correspondence to Editor, Room 216, Agricultural Hall, University of Wisconsin, Madison, Wisconsin 53706. Reproduction of articles may be made only with expressed permission of the Editor. Rates for reprints of specific articles will be sent on request. Second class postage paid at Menasha, Wisconsin.

Copyright © 1968 by Extension Journal, Inc.

Supplement to

Journal of Cooperative Extension

VOLUME VI WINTER 1968 NUMBER 4, PART 2

Contents

Abbreviations Used 4

Author Index 5

Articles by Subject Index 9

Subject Index of Abstracts, Book Reviews, Research in Brief 15

THIS IS THE FIRST comprehensive index of materials published in the *Journal of Cooperative Extension*. Subject categories used in this index were determined with the cooperation and suggestions of *Journal* Liaison personnel, members of the Editorial Committee and Board of Directors, and a number of other professional colleagues of the editor. Appreciation is expressed to all those who participated. Special appreciation is due Mrs. Barbara A. Abbott and Miss Mary L. Schmitz, for painstaking work in proofing and other work required in the processing of this index.

Additional copies of this index are available for purchase from the *Journal of Cooperative Extension*, Room 216, Agricultural Hall, University of Wisconsin, Madison, Wisconsin 53706. The cost of additional copies is as follows:

single copy: 50 cents
2-9 copies: 50 cents for the first copy plus 25 cents for each additional copy
10 copies or more: 25 cents per copy

Payment should accompany order.

Key to Abbreviations

ARS—Agricultural Research Service
bul—bulletin
CAED—Center for Agricultural and Economic Development
circ—circular
conf rep—conference report
ext—extension
ext sv pub—extension service publication
grad study summary—graduate study summary
h ec res rep—home economics research report
ldrshp—leadership
M spec prob rep—Master's special problem report
mimeo—mimeographed
NC Reg—North Central Region
nd—no date
rep—report
res bul—research bulletin
unpub—unpublished

Abbreviations of Periodicals Indexed

Ad Ed—Adult Education
Ad Ldrshp—Adult Leadership
Adm Sci Q—Administrative Science Quarterly
Adol—Adolescence
Ag Inst Rev—Agricultural Institute Review
Am Ed—American Education
Am Ed Res J—American Educational Research Journal
Am J Soc—American Journal of Sociology
Am Soc Rev—American Sociological Review
Bus Horz—Business Horizons
Bus Mgt Rec—Business Management Record
Cal Mgt Rev—California Management Review
Conf Bd Rec—Conference Board Record
Cont Lrng—Continuous Learning
Harv Bus Rev—Harvard Business Review
Hum Org—Human Organization
Ill Ag Ec—Illinois Agricultural Economics
Ill Tch H Ec—Illinois Teacher of Home Economics
J Commun—Journal of Communication
J Ed Psych—Journal of Educational Psychology
J Ed Res—Journal of Educational Research
J Farm Econ—Journal of Farm Economics
J Home Ec—Journal of Home Economics
J Marr & Family—Journal of Marriage and the Family
J Soc Iss—Journal of Social Issues
Mgt Pers Q—Management of Personnel Quarterly
Mgt Rec—Management Record
Mgt Rev—Management Review
Mich Bus Rev—Michigan Business Review
Nat Bus—Nation's Business
Pers—Personnel
Pers Admn—Personnel Administration
Pers J—Personnel Journal
Phi D K—Phi Delta Kappan
Psychl Bul—Psychological Bulletin
PTA Mag—PTA Magazine
Rur Soc—Rural Sociology
Sci—Science
Sci Am—Scientific American
Soc Serv Rev—Social Service Review
Socmtry—Sociometry
Superv Mgt—Supervisory Management
TIP—Theory Into Practice
Trng Dev J—Training and Development Journal
Trng Dir J—Training Directors Journal
Welf Rev—Welfare in Review

Part I

Author Index

THE FOLLOWING INDEX lists authors of articles arranged alphabetically and, in cases of articles with more than one author, by senior author only. Following the author's name is the (1) title of the article and (2) location of the article in the *Journal of Cooperative Extension*. For example, (II/4:216-20) means Volume II (1964), Number 4 (Winter issue), pages 216 to 220.

A

Alcorn, George B. Extension's place in public policy. (I/3:155-56)
Alexander, Frank D. A critique of evaluation. (III/4:205-12)
Anderson, Ernest W. An approach to effective teaching. (I/1:9-15)
Anderson, Ernest W. Counseling professional personnel. (V/1:30-34)
Apps, Jerold W. Youth leadership preferences. (VI/4:216-20)

B

Bailey, Wilfrid C. Result demonstrations and education. (II/1:13-20)
Ballard, F. L. Public relations in extension. (II/4:216-20)
Barger, Paul B. Your professionalism shows. (II/4:195-200)
Beavers, Irene. The disadvantaged. (III/4:234-38)
Bible, Bond L. Methods in home economics extension. (I/2:110-16)
Bills, Robert E. Intelligent behavior in 4-H. (II/3:173-81)
Blalock, T. C. Role of the subject-matter specialist. (I/2:93-100)
Blalock, T. C. What legislators think of extension. (II/2:75-81)
Blalock, T. C., Mary Nell Greenwood, and Roland H. Abraham. What the public thinks of extension. (I/1:47-54)
Boyle, Patrick G. and Emory J. Brown. Adapting 4-H to urban situations. (II/1:29-36)
Boyle, Patrick G. and Mohammad A. Douglah. Who will serve as youth leaders? (II/4:209-15)
Brog, Gerald W. and Carl J. Couch. Self-concept and leader tenure. (III/2:110-12)
Brower, Stephen L. Dilemma of adult educators. (II/2:113-19)
Brown, Anna B. Women influentials. (II/2:97-104)
Brown, Emory J. Adapting extension to urban environment. (III/1:11-18)
Brown, Emory J. Extension and the urban environment. (III/2:95-102)
Brown, Emory J. Increasing 4-H impact. (V/3:141-47)
Brown, Marjorie. Professional values. (III/2:67-74)
Brown, Minnie M. and C. Paul Marsh. Extension and poverty. (III/3:157-64)
Bruce, Robert L. A look at program planning. (II/4:221-25)
Bruce, Robert L. and G. L. Carter, Jr. Administrative climate. (V/1:7-14)

C

Carpenter, William L. Administrative communication. (IV/1:23-27)
Carter, G. L., Jr. A conception of 4-H, part 1. (I/3:167-75)
Carter, G. L., Jr. A conception of 4-H, part 2. (I/4:229-38)
Christensen, Robert L. The nature of decision making. (VI/1:23-28)
Clark, Robert C. and Fawzi M. Abdullah. County chairman position. (II/3:163-69)
Clegg, Denzil O. Motivation theory in practice. (V/1:23-29)
Clegg, Denzil O. Work as a motivator. (I/3:141-48)
Collings, Mary Louise. On being a

professional. (II/1:3-9)
Cosgriffe, Harry A. Five approaches to community resource development. (VI/2:85-92)
Couch, Carl J., Mason E. Miller, and John S. Murray. Specialist and agent: men in the middle. (II/1:37-44)
Craven, Ruby. The family role in decision making. (I/1:23-30)
Culbertson, Hugh M. What is an attitude? (VI/2:79-84)
Cunningham, Clarence J. Dimensions of leader behavior. (IV/4:223-28)
Cunningham, Clarence J. Improving instruction: a case study. (V/1:47-54)

D

Dale, Edgar. The critical reader. (III/4:195-199)
Davis, Lloyd H. On being professional. (I/4:195-200)
Deppen, Marion R. Utilizing report information. (IV/2:103-108)
Douglah, Mohammad A. Program-planning research. (VI/1:29-38)
Douglah, Mohammad A. and Peter F. Roycraft. Studying the low-income family. (V/3:164-70)
Durfee, Arthur E. Changing role of the supervisor. (I/3:149-54)

E

Evans, James F. Impression management and specialists. (VI/4:207-15)
Evans, Jean C. Administrative manager or leader? (V/1:55-61)
Everly, Jack C. Search for consistency. (V/2:93-100)
Everson, Norman O. and Jerold W. Apps. Reaching youth in low-income areas. (V/4:205-13)
Ewbank, H. L., Jr. and E. E. Baker. Tele-lecture or traditional lecture? (VI/1:46-50)

F

Ferguson, C. M. Innovation in extension. (II/3:152-54)
Ferguson, C. M. The human side of administration. (II/1:21-28)
Fessler, Donald R. Alternative to extension's future. (II/3:170-72)
Fessler, Donald R. Human resources. (VI/1:39-45)
Fliegel, Frederick C. and Emory J. Brown. Low-income farm people. (IV/1:44-50)
Fuguitt, Glenn V. The small town in rural America. (III/1:19-26)

G

Gallaher, Art, Jr. The agent as an analyst. (V/4:214-22)
Gallaher, Art, Jr. and Frank A. Santopolo. Perspectives on agent roles. (V/4:223-30)
Gassie, Edward W. On generalizing research findings. (VI/3:151-54)
George, J. D. Agents' views of extension's role. (VI/4:236-41)
Goble, Eva L. Young homemakers and extension. (II/3:135-42)
Grams, Armin and John G. Chantiny. Parent education. (IV/2:75-84)
Griessman, B. Eugene. What does the eye see—the ear hear? (VI/3:135-42)
Guither, Harold D. Families who quit farming. (III/3:173-79)

H

Haller, Archibald O. Occupational choices of rural youth. (IV/2:93-102)
Hansen, Viola K. Frontiers in home economics. (III/1:27-32)
Harvey, Anne D. and Richard Franklin. A two-pronged attempt at change. (VI/3:171-80)
Hathaway, Dale E. Problems facing rural America. (III/3:165-72)
Havighurst, Robert J. Routes to adulthood. (VI/1:7-14)
Heckel, Maynard C. Leader development through planning. (III/2:87-94)
Henderson, H. A. and B. J. Bond. Evaluating development programs. (IV/4:233-39)
Hill, Reuben. Family development. (II/4:226-34)
Holik, John S. and James H. Claycomb. Search for leadership. (II/4:235-41)
Holland, Linnea B. Dynamics of instructional groups. (II/3:155-62)
Houle, Cyril O. Adult education and family life, part 1. (I/3:133-40)
Houle, Cyril O. Adult education and family life, part 2. (I/4:220-28)
Hurd, Helen G. Professional leadership and change. (III/3:131-36)
Hurd, Helen G. Who is a professional? (V/2:77-84)
Hyatt, George, Jr. Staff competence. (IV/3:135-42)

I

Ibsen, Charles A. and Manuel Alers-Montalvo. Expressed family needs. (V/2:85-92)

J

Johnson, Jimmy P. and Carlton R. Sollie. Training as perceived by 4-H leaders. (VI/3:164-70)
Jones, Stanley L. Inner city: the university's challenge. (VI/3:155-63)

K

Kemp, Phyllis E. Commitment and job satisfaction. (V/3:171-77)
King, Gary W. and Emory J. Brown. Adapting to resource development. (IV/3:169-78)
Klingman, Jane S. Professional standards. (II/3:131-34)

L

Lawson, Win M. and Howard M. Dail. Sources of information for farmers. (IV/3:163-68)
Leagans, J. Paul. A concept of needs. (II/2:89-96)
Lidster, Echo. Provocative thoughts on 4-H. (III/4:229-33)
Lindstrom, D. E. Educational needs of rural youth. (III/1:33-41)
Lionberger, Herbert F. Community adoption patterns. (I/4:201-209)
Lionberger, Herbert F. Individual adoption behavior. (I/3:157-66)
Longest, James W. Group formation for teaching. (II/3:143-51)
Lutz, Arlen E., Donald E. Frerichs, and Susan S. Lewis. In-depth teaching in extension. (VI/2:107-12)

M

Mahan, Russ A. and Stephan R. Bollman. Education or information giving? (VI/2:100-106)
Marsh, Shirley A. and Alan B. Knox. Information seeking and adult education. (IV/4:213-22)
Mayer, Ralph E. and Robert E. Rieck. Evaluating the unit approach: FHD. (V/2:101-109)
Mayo, Selz C. A case study of area development. (IV/2:85-92)
McArdle, Richard E. A philosophy of administration. (I/4:213-19)
McArthur, Arthur. Family-life education potential. (V/4:231-37)
McCormick, Robert W. A basis for change. (V/2:117-21)
McIntyre, William J. The ultimate weapon. (III/3:148)
McKain, Walter C., Jr. Rural suburbs and their people. (I/2:76-84)
Medved, Eva. Teaching by television. (IV/1:28-34)
Mees, Carl F. County extension administration. (I/2:85-92)
Miller, Sidney J. and W. Keith Warner. Trends in social participation. (I/3:176-82)
Mitchell, John B. and Ralph W. Moore. Small town power structure. (III/4:213-18)
Moon, Peter and Paul B. Crooks. Improving agent selection. (IV/4:229-32)
Morrill, J. Glenn and Olive L. Morrill. Personnel plateauing and motivation. (V/1:15-22)
Morrison, Denton E. Farm bargaining problems and prospects. (VI/3:143-50)
Moser, Roy E. In-service training: a fable. (III/2:75-76)

N

Nelson, Bardin H. Individual and group behavior in 4-H. (I/2:101-109)

P

Powers, Richard D. Communicating with graphs. (IV/1:35-43)
Powers, Ronald C. Background information in planning. (IV/1:11-22)
Powers, Ronald C. Power actors and social change, part 1. (V/3:153-63)
Powers, Ronald C. Power actors and social change, part 2. (V/4:238-48)

Q

Quarrick, Eugene A. and Robert E. Rankin. Intrinsic motivation in 4-H. (III/1:42-50)
Quarrick, Helen P. and Eugene A. Quarrick. Problem solving in extension. (III/3:137-47)

R

Ragle, Dan D.M., Roger G. Barker, and Arthur Johnson. Measuring extension's impact. (V/3:178-86)
Robinson, Russell D. Examining the role of agents in 4-H. (II/2:105-12)

Rogers, Everett M. The adoption process, part 1. (I/1:16-22)
Rogers, Everett M. The adoption process, part 2. (I/2:69-75)
Rowe, George P. Peer activities of preadolescents. (VI/2:71-78)
Royal Bank of Canada. Chance versus informed planning. (III/1:3-10)
Royal Bank of Canada. On being a supervisor. (VI/2:93-99)
Royal Bank of Canada. The professional's concern for values. (II/2:67-74)
Royal Bank of Canada. The spirit of research. (IV/1:5-10)
Ryden, E. R. Predicting successful performance. (III/2:103-109)

S

Sabrosky, Laurel K. The role of the agent in leader training. (I/1:31-37)
Sabrosky, Laurel K. School missed by 4-H members. (I/4:210-12)
Scheel, Jean W. On being professional. (I/3:131-132)
Scheel, J. W. The publics in our program. (II/1:10-12)
Schroeder, Wayne L. Adults can and must learn. (IV/4:205-12)
Shannon, T. J. and Clarence A. Schoenfeld. Whither goest the CES? (III/4:200-204)
Skelton, William E. Serving as chairman of the county staff. (I/1:38-40)
Smith, N. R. Consumer behavior patterns. (II/1:45-53)
Solem, James and Herbert D. Werner. PPBS: a management innovation. (VI/4:221-28)
Stauber, Richard L. PPBS for extension? (VI/4:229-35)
Stone, John T. A corporation to serve the extension profession. (I/2:67-68)
Swoboda, Donald W. New use of phone communication. (VI/1:15-22)

T

Troldahl, Verling C. Communicating to the suburbs. (II/2:82-88)
Tully, Joan. Changing practices: a case study. (IV/3:143-52)
Tyler, Ralph W. The role of the volunteer. (IV/3:153-62)

U

Utz, Alan P., Jr. Agent performance in programming. (III/3:149-56)

V

VandeBerg, Gale L. Guidelines to planning. (III/2:77-86)
Vines, C. A., Lowell H. Watts, and W. Robert Parks. Extension's future. (I/4:239-46)

W

Warner, W. Keith. Feedback in administration. (V/1:35-46)
Warner, W. Keith. Problems of participation. (III/4:219-28)
Warren, Hoyt M. Working relationships. (V/3:148-52)
Watts, Lowell H. Extension's future—a national report. (VI/4:199-206)
Whale, W. B. and P. G. Boyle. Group decision making. (IV/2:109-15)
Wilson, Rosslyn. Rural families and the mass media. (I/1:41-46)
Woeste, John T. Misuse of group discussion. (V/2:110-16)

Y

York, E. T., Jr. Coordinating extension. (IV/2:69-74)
York, E. T., Jr. The professional and his journal. (I/1:5-8)

Z

Zettle, Frank S. The area specialist position. (II/4:201-208)
Zurcher, Louis A., Jr. A psychologist encounters extension. (IV/4:197-204)

Part II

Articles by Subject Index

THE FOLLOWING INDEX lists articles alphabetically by subject category. Many titles appear under two categories. Authors' names appear following the article title. Location of the article in the *Journal of Cooperative Extension* follows the author's name in parenthesis. For example, (VI/3:151-54) means Volume VI (1968), Number 3 (Fall issue), pages 151-54.

Administration/Supervision

Administrative climate. Robert L. Bruce and G. L. Carter, Jr. (V/1:7-14)

Administrative communication. William L. Carpenter. (IV/1:23-27)

Administrative manager or leader? Jean C. Evans. (V/1:55-61)

Changing role of the supervisor. Arthur E. Durfee. (I/3:149-54)

County extension administration. Carl F. Mees. (I/2:85-92)

Dimensions of leader behavior. Clarence J. Cunningham. (IV/4:223-28)

Feedback in administration. W. Keith Warner. (V/1:35-46)

The human side of administration. C. M. Ferguson. (II/1:21-28)

On being a supervisor. Royal Bank of Canada. (VI/2:93-99)

A philosophy of administration. Richard E. McArdle. (I/4:213-19)

PPBS: a management innovation. James Solem and Herbert D. Werner. (VI/4:221-28)

PPBS for extension? Richard L. Stauber. (VI/4:229-35)

Serving as chairman of the county staff. William E. Skelton. (I/1:38-40)

Working relationships. Hoyt M. Warren. (V/3:148-52)

See also Decision Making/Problem Solving

Adoption/Diffusion (*See* Change Process)

Adult/Continuing Education

Adult education and family life, part 1. Cyril O. Houle. (I/3:133-40)

Adult education and family life, part 2. Cyril O. Houle. (I/4:220-28)

Adults can and must learn. Wayne L. Schroeder. (IV/4:205-12)

Dilemma of adult educators. Stephen L. Brower. (II/2:113-19)

Information seeking and adult education. Shirley A. Marsh and Alan B. Knox. (IV/4:213-22)

See also Clientele

Change Process

The adoption process, part 1. Everett M. Rogers. (I/1:16-22)

The adoption process, part 2. Everett M. Rogers. (I/2:69-75)

The agent as an analyst. Art Gallaher, Jr. (V/4:214-22)

A basis for change. Robert W. McCormick. (V/2:117-21)

Changing practices: a case study. Joan Tully. (IV/3:143-52)

Community adoption patterns. Herbert F. Lionberger. (I/4:201-209)

Farm bargaining problems and prospects. Denton E. Morrison. (VI/3:143-50)

Individual adoption behavior. Herbert F. Lionberger. (I/3:157-66)

Power actors and social change, part 1. Ronald C. Powers. (V/3:153-63)

Power actors and social change, part 2. Ronald C. Powers. (V/4:238-48)

A two-pronged attempt at change. Anne D. Harvey and Richard Franklin. (VI/3:171-80)

Clientele

Adapting 4-H to urban situations. Patrick G. Boyle and Emory J. Brown. (II/1:29-36)

Communicating to the suburbs. Verling C. Troldahl. (II/2:82-88)

Consumer behavior patterns. N. R.

Smith. (II/1:45-53)
Families who quit farming. Harold D. Guither. (III/3:173-79)
In-depth teaching in extension. Arlen E. Lutz, Donald E. Frerichs, and Susan S. Lewis. (VI/2:107-12)
Problems facing rural America. Dale E. Hathaway. (III/3:165-72)
The publics in our program. J. W. Scheel. (II/1:10-12)
Rural families and the mass media. Rosslyn Wilson. (I/1:41-46)
Rural suburbs and their people. Walter C. McKain, Jr. (I/2:76-84)
Sources of information for farmers. Win M. Lawson and Howard M. Dail. (IV/3:163-68)
Trends in social participation. Sidney J. Miller and W. Keith Warner. (I/3:176-82)
Women influentials. Anna B. Brown. (II/2:97-104)
Young homemakers and extension. Eva L. Goble. (II/3:135-42)

Communication
Administrative communication. William L. Carpenter. (IV/1:23-27)
Communicating to the suburbs. Verling C. Troldahl. (II/2:82-88)
Communicating with graphs. Richard D. Powers. (IV/1:35-43)
New use of phone communication. Donald W. Swoboda. (VI/1:15-22)
Sources of information for farmers. Win M. Lawson and Howard M. Dail. (IV/3:163-68)
What does the eye see—the ear hear? B. Eugene Griessman. (VI/3:135-42)
See also Teaching/Learning

Community
Adapting extension to urban environment. Emory J. Brown. (III/1:11-18)
Extension and the urban environment. Emory J. Brown. (III/2:95-102)
Inner city: the university's challenge. Stanley L. Jones. (VI/3:155-63)
Rural suburbs and their people. Walter C. McKain, Jr. (I/2:76-84)
The small town in rural America. Glenn V. Fuguitt. (III/1:19-26)

Community Resource Development
Adapting to resource development. Gary W. King and Emory J. Brown. (IV/3:169-78)
A case study of area development. Selz C. Mayo. (IV/2:85-92)
Evaluating development programs. H. A. Henderson and B. J. Bond. (IV/4:233-39)
Five approaches to community resource development. Harry A. Cosgriffe. (VI/2:85-92)
Human resources. Donald R. Fessler. (VI/1:39-45)

Curriculum (*See* Programming/Curriculum)

Decision Making/Problem Solving
Background information in planning. Ronald C. Powers. (IV/1:11-22)
Chance versus informed planning. Royal Bank of Canada. (III/1:3-10)
The family role in decision making. Ruby Craven. (I/1:23-30)
Group decision making. W. B. Whale and P. G. Boyle. (IV/2:109-15)
Increasing 4-H impact. Emory J. Brown. (V/3:141-47)
The nature of decision making. Robert L. Christensen. (VI/1:23-28)
Problem solving in extension. Helen P. Quarrick and Eugene A. Quarrick. (III/3:137-47)
The spirit of research. Royal Bank of Canada. (IV/1:5-10)
Utilizing report information. Marion R. Deppen. (IV/2:103-108)

Diffusion (*See* Change Process)

Disadvantaged
The disadvantaged. Irene Beavers. (III/4:234-38)
Extension and poverty. Minnie M. Brown and C. Paul Marsh. (III/3:157-64)
Low-income farm people. Frederick C. Fliegel and Emory J. Brown. (IV/1:44-50)
Reaching youth in low-income areas. Norman O. Everson and Jerold W. Apps. (V/4:205-13)
Studying the low-income family. Mohammad A. Douglah and Peter F. Roycraft. (V/3:164-70)

Evaluation
A critique of evaluation. Frank D. Alexander. (III/4:205-12)
Evaluating development programs. H.

A. Henderson and B. J. Bond. (IV/4:233-39)
Evaluating the unit approach: FHD. Ralph E. Mayer and Robert E. Rieck. (V/2:101-109)
Feedback in administration. W. Keith Warner. (V/1:35-46)
Measuring extension's impact. Dan D. M. Ragle, Roger G. Barker, and Arthur Johnson. (V/3:178-86)

Extension Scope and Philosophy
Adapting extension to urban environment. Emory J. Brown. (III/1:11-18)
Adapting to resource development. Gary W. King and Emory J. Brown. (IV/3:169-78)
Agents' views of extension's role. J. D. George. (VI/4:236-41)
Alternative to extension's future. Donald R. Fessler. (II/3:170-72)
Coordinating extension. E. T. York, Jr. (IV/2:69-74)
Extension and the urban environment. Emory J. Brown. (III/2:95-102)
Extension's future. C. A. Vines, Lowell H. Watts, and W. Robert Parks. (I/4:239-46)
Extension's future—a national report. Lowell H. Watts. (VI/4:199-206)
Extension's place in public policy. George B. Alcorn. (I/3:155-56)
Innovation in extension. C. M. Ferguson. (II/3:152-54)
On being professional. Lloyd H. Davis. (I/4:195-200)
The professional and his journal. E. T. York, Jr. (I/1:5-8)
What legislators think of extension. T. C. Blalock. (II/2:75-81)
What the public thinks of extension. T. C. Blalock, Mary Nell Greenwood, and Roland H. Abraham. (I/1:47-54)
Whither goest the CES? T. J. Shannon and Clarence A. Schoenfeld. (III/4:200-204)

Family Life Education
Adult education and family life, part 1. Cyril O. Houle. (I/3:133-40)
Adult education and family life, part 2. Cyril O. Houle. (I/4:220-28)
Family development. Reuben Hill. (II/4:226-34)
Family-life education potential. Arthur McArthur. (V/4:231-37)
Parent education. Armin Grams and John G. Chantiny. (IV/2:75-84)

4-H
Adapting 4-H to urban situations. Patrick G. Boyle and Emory J. Brown. (II/1:29-36)
A conception of 4-H, part 1. G. L. Carter, Jr. (I/3:167-75)
A conception of 4-H, part 2. G. L. Carter, Jr. (I/4:229-38)
Increasing 4-H impact. Emory J. Brown. (V/3:141-47)
Individual and group behavior in 4-H. Bardin H. Nelson. (I/2:101-109)
Intrinsic motivation in 4-H. Eugene A. Quarrick and Robert E. Rankin. (III/1:42-50)
Provocative thoughts on 4-H. Echo Lidster. (III/4:229-33)
School missed by 4-H members. Laurel K. Sabrosky. (I/4:210-12)
See also Youth

Group Processes
Changing practices: a case study. Joan Tully. (IV/3:143-52)
Dynamics of instructional groups. Linnea B. Holland. (II/3:155-62)
Group decision making. W. B. Whale and P. G. Boyle. (IV/2:109-15)
Group formation for teaching. James W. Longest. (II/3:143-51)
Individual and group behavior in 4-H. Bardin H. Nelson. (I/2:101-109)
Misuse of group discussion. John T. Woeste. (V/2:110-16)

Human Behavior
A concept of needs. J. Paul Leagans. (II/2:89-96)
Consumer behavior patterns. N. R. Smith. (II/1:45-53)
Intelligent behavior in 4-H. Robert E. Bills. (II/3:173-81)
Peer activities of preadolescents. George P. Rowe. (VI/2:71-78)
A psychologist encounters extension. Louis A. Zurcher, Jr. (IV/4:197-204)
Routes to adulthood. Robert J. Havighurst. (VI/1:7-14)
Search for consistency. Jack C. Everly. (V/2:93-100)
What does the eye see—the ear hear? B. Eugene Griessman. (VI/3:135-42)
What is an attitude? Hugh M. Culbertson. (VI/2:79-84)

Innovation (*See* Change Process)

Leader Training/Development
Leader development through planning. Maynard C. Heckel. (III/2:87-94)
Role of the agent in leader training. Laurel K. Sabrosky. (I/1:31-37)
Training as perceived by 4-H leaders. Jimmy P. Johnson and Carlton R. Sollie. (VI/3:164-70)

Leadership
The role of the volunteer. Ralph W. Tyler. (IV/3:153-62)
Search for leadership. John S. Holik and James H. Claycomb. (II/4:235-41)
Self-concept and leader tenure. Gerald W. Brog and Carl J. Couch. (III/2:110-12)
Who will serve as youth leaders? Patrick G. Boyle and Mohammad A. Douglah. (II/4:209-15)

Learning (*See* Teaching/Learning)

Low Income (*See* Disadvantaged)

Management (*See* Administration/Supervision; Decision Making/Problem Solving)

Mass Media (*See* Methods/Media)

Methods/Media
Communicating with graphs. Richard D. Powers. (IV/1:35-43)
In-depth teaching in extension. Arlen E. Lutz, Donald E. Frerichs, and Susan S. Lewis. (VI/2:107-12)
Methods in home economics extension. Bond L. Bible. (I/2:110-16)
Result demonstrations and education. Wilfrid C. Bailey. (II/1:13-20)
Rural families and the mass media. Rosslyn Wilson. (I/1:41-46)
Teaching by television. Eva Medved. (IV/1:28-34)
Tele-lecture or traditional lecture? H. L. Ewbank, Jr. and E. E. Baker. (VI/1:46-50)
See also Teaching/Learning

Motivation
Intrinsic motivation in 4-H. Eugene A. Quarrick and Robert E. Rankin. (III/1:42-50)
Motivation theory in practice. Denzil O. Clegg. (V/1:23-29)
Personnel plateauing and motivation. J. Glenn Morrill and Olive L. Morrill. (V/1:15-22)
Work as a motivator. Denzil O. Clegg. (I/3:141-48)

Organization (*See* Administration/Supervision)

Participation
Problems of participation. W. Keith Warner. (III/4:219-28)
School missed by 4-H members. Laurel K. Sabrosky. (I/4:210-12)
Trends in social participation. Sidney J. Miller and W. Keith Warner. (I/3:176-82)

Poverty (*See* Disadvantaged)

Power Structure
Farm bargaining problems and prospects. Denton E. Morrison. (VI/3:143-50)
Power actors and social change, part 1. Ronald C. Powers. (V/3:153-63)
Power actors and social change, part 2. Ronald C. Powers. (V/4:238-48)
Problems facing rural America. Dale E. Hathaway. (III/3:165-72)
Small town power structure. John B. Mitchell and Ralph W. Moore. (III/4:213-18)
Women influentials. Anna B. Brown. (II/2:97-104)

Problem Solving (*See* Decision Making/Problem Solving)

Professionalism
Commitment and job satisfaction. Phyllis E. Kemp. (V/3:171-77)
A corporation to serve the extension profession. John T. Stone. (I/2:67-68)
The critical reader. Edgar Dale. (III/4:195-99)
On being a professional. Mary Louise Collings. (II/1:3-9)
On being professional. Lloyd H. Davis. (I/4:195-200)
On being professional. Jean W. Scheel. (I/3:131-32)
The professional and his journal. E. T. York, Jr. (I/1:5-8)

Professional leadership and change. Helen G. Hurd. (III/3:131-36)
Professional standards. Jane S. Klingman. (II/3:131-34)
Professional values. Marjorie Brown. (III/2:67-74)
The professional's concern for values. Royal Bank of Canada. (II/2:67-74)
The spirit of research. Royal Bank of Canada. (IV/1:5-10)
Who is a professional? Helen G. Hurd. (V/2:77-84)
Your professionalism shows. Paul B. Barger. (II/4:195-200)
See also Staff Development

Programming/Curriculum
Agent performance in programming. Alan P. Utz, Jr. (III/3:149-56)
Background information in planning. Ronald C. Powers. (IV/1:11-22)
A case study of area development. Selz C. Mayo. (IV/2:85-92)
Chance versus informed planning. Royal Bank of Canada. (III/1:3-10)
A concept of needs. J. Paul Leagans. (II/2:89-96)
A critique of evaluation. Frank D. Alexander. (III/4:205-12)
Dilemma of adult educators. Stephen L. Brower. (II/2:113-19)
Expressed family needs. Charles A. Ibsen and Manuel Alers-Montalvo. (V/2:85-92)
Extension and poverty. Minnie M. Brown and C. Paul Marsh. (III/3:157-64)
Extension's place in public policy. George B. Alcorn. (I/3:155-56)
Families who quit farming. Harold D. Guither. (III/3:173-79)
Frontiers in home economics. Viola K. Hansen. (III/1:27-32)
Guidelines to planning. Gale L. VandeBerg. (III/2:77-86)
Leader development through planning. Maynard C. Heckel. (III/2:87-94)
A look at program planning. R. L. Bruce. (II/4:221-25)
Low-income farm people. Frederick C. Fliegel and Emory J. Brown. (IV/1:44-50)
Program-planning research. Mohammad A. Douglah. (VI/1:29-38)
Public relations in extension. F. L. Ballard. (II/4:216-20)
The publics in our program. J. W. Scheel. (II/1:10-12)

Resource Development (*See* Community Resource Development)

Social Change (*See* Change Process; Community; Community Resource Development)

Staff Development
Administrative climate. Robert L. Bruce and G. L. Carter, Jr. (V/1:7-14)
Counseling professional personnel. Ernest W. Anderson. (V/1:30-34)
Dimensions of leader behavior. Clarence J. Cunningham. (IV/4:223-28)
The human side of administration. C. M. Ferguson. (II/1:21-28)
Improving instruction: a case study. Clarence J. Cunningham. (V/1:47-54)
In-service training: a fable. Roy E. Moser. (III/2:75-76)
Motivation theory in practice. Denzil O. Clegg. (V/1:23-29)
On being a professional. Mary Louise Collings. (II/1:3-9)
On being a supervisor. Royal Bank of Canada. (VI/2:93-99)
Personnel plateauing and motivation. J. Glenn Morrill and Olive L. Morrill. (V/1:15-22)
A psychologist encounters extension. Louis A. Zurcher, Jr. (IV/4:197-204)
A two-pronged attempt at change. Anne D. Harvey and Richard Franklin. (VI/3:171-80)
The ultimate weapon. William J. McIntyre. (III/3:148)
See also Professionalism; Staff Role; Staffing

Staff Role
The agent as an analyst. Art Gallaher, Jr. (V/4:214-22)
Agent performance in programming. Alan P. Utz, Jr. (III/3:149-56)
The area specialist position. Frank S. Zettle. (II/4:201-208)
Changing role of the supervisor. Arthur E. Durfee. (I/3:149-54)
County chairman position. Robert C. Clark and Fawzi M. Abdullah. (II/3:163-69)
County extension administration. Carl F. Mees. (I/2:85-92)
Evaluating the unit approach: FHD.

Ralph E. Mayer and Robert E. Rieck. (V/2:101-109)
Examining the role of agents in 4-H. Russell D. Robinson. (II/2:105-12)
Impression management and specialists. James F. Evans. (VI/4:207-15)
Perspectives on agent roles. Art Gallaher, Jr. and Frank A. Santopolo. (V/4:223-30)
Role of the agent in leader training. Laurel K. Sabrosky. (I/1:31-37)
Role of the subject-matter specialist. T. C. Blalock. (I/2:93-100)
Serving as chairman of the county staff. William E. Skelton. (I/1:38-40)
Specialist and agent: men in the middle. Carl J. Couch, Mason E. Miller, and John S. Murray. (II/1:37-44)
What legislators think of extension. T. C. Blalock. (II/2:75-81)
See also Staff Development; Staffing

Staffing
Improving agent selection. Peter Moon and Paul B. Crooks. (IV/4:229-32)
On generalizing research findings. Edward W. Gassie. (VI/3:151-54)
Predicting successful performance. E. R. Ryden. (III/2:103-109)
Staff competence. George Hyatt, Jr. (IV/3:135-42)
See also Staff Development; Staff Role

Supervision (*See* Administration/Supervision)

Teaching/Learning
An approach to effective teaching. Ernest W. Anderson. (I/1:9-15)
A conception of 4-H, part 1. G. L. Carter, Jr. (I/3:167-75)
A conception of 4-H, part 2. G. L. Carter, Jr. (I/4:229-38)
Dynamics of instructional groups. Linnea B. Holland. (II/3:155-62)
Education or information giving? Russ A. Mahan and Stephan R. Bollman. (VI/2:100-106)
Group formation for teaching. James W. Longest. (II/3:143-51)
Improving instruction: a case study. Clarence J. Cunningham. (V/1:47-54)
Methods in home economics extension. Bond L. Bible. (I/2:110-16)
Misuse of group discussion. John T. Woeste. (V/2:110-16)
Teaching by television. Eva Medved. (IV/1:28-34)
See also Methods/Media

Training (*See* Leader Training/Development; Staff Development)

Youth
Educational needs of rural youth. D. E. Lindstrom. (III/1:33-41)
Intelligent behavior in 4-H. Robert E. Bills. (II/3:173-81)
Occupational choices of rural youth. Archibald O. Haller. (IV/2:93-102)
Peer activities of preadolescents. George P. Rowe. (VI/2:71-78)
Reaching youth in low-income areas. Norman O. Everson and Jerold W. Apps. (V/4:205-13)
Routes to adulthood. Robert J. Havighurst. (VI/1:7-14)
Youth leadership preferences. Jerold W. Apps. (VI/4:216-20)
See also 4-H

Part III

Subject Index of Abstracts, Book Reviews, and Research in Brief

THE FOLLOWING INDEX lists books, articles, monographs, bulletins, pamphlets, reports, and unpublished materials that have been abstracted, briefed, or reviewed. They are listed by subject category, alphabetically by author (or title where there is no author). For published books, monographs, bulletins, pamphlets, there is sufficient information given that the item can be located in a library card catalog. Such items list authors, title, year published (e.g., '65) and where the item can be located in the *Journal of Cooperative Extension:* (V/1:69) means Volume V (1967), Number 1 (Spring issue), page 69.

For articles from other journals, information is given as to where to locate the material in that journal. For example, following the author and title would appear this notation: Ad Ed 16:24 (IV/1:63). This means that the article cited was published in *Adult Education* (see page 4 for abbreviations used), Volume 16, starting on page 24. Reference to this article can be found in the *Journal of Cooperative Extension* in Volume IV (1966), Number 1 (Spring issue), on page 63.

For unpublished material, the author, title, sufficient other information to reveal the nature of the item (a mimeograph, thesis, paper), its date (if dated), and where the details can be located in the *Journal of Cooperative Extension* are given. For example, unpub MS '64 (II/4:242-43) means an unpublished master's thesis written in 1964, and to be found in the *Journal of Cooperative Extension,* Volume II (1964), Number 4 (Winter issue), pages 242-43.

Administration/Supervision

Argyris, Chris. Interpersonal competence and organizational effectiveness. '62 (II/1:61)

Auerbach, Sylvia. How the supervisor can use the exit interview. Superv Mgt 8:18 (I/4:252)

Berman, Louise M. and Mary Lou Usery. Personalized supervision: sources and insights. '66 (V/3:197)

Boedecker, Ray F. Why delegation goes wrong. Superv Mgt 9:4 (II/3:187)

Boyd, Bradford B. Management-minded supervision. '68 (VI/4:251)

Cerami, Charles A. You can cure overlapping management. Nat Bus 50:86 (I/1:62)

Clark, Robert C. and Roland H. Abraham, eds. Administration in extension. '60 (I/3:185)

Colvard, D. W. Administration of teaching, research and extension at land-grant institutions. '65 (IV/2:124)

DeLorenzo, Anthony G. The place of public relations in modern management. Mich Bus Rev 15:1 (I/3:190)

Drucker, Peter. The effective executive. '67 (VI/3:181)

Dubin, Robert *et al.* Leadership and productivity: some facts of industrial life. '65 (III/4:249)

Ferguson, Clarence M., ed. Collected papers on administration in government. '64 (II/4:251)

Griffith, Francis. Six mistaken meanings of democratic administration. Phi D K 48:59 (V/2:133)

Halpin, Andrew W. Theory and research in administration. '66 (V/1:65)

Hills, R. Jean. The representative function: neglected dimension of leadership behavior. Adm Sci Q 8:83 (I/4:251)

Laitin, Yale J. Human relations research—a key to productivity. Mgt Pers Q 3:8 (III/3:189)

Likert, Rensis. New patterns of management. '61 (II/1:59)

McGregor, Douglas. The human side of enterprise. '60 (I/2:117)

Newman, William H., Charles E. Summer, and E. Kirby Warren. The process of management: concepts, behavior, and practice. '67 (VI/2:122)

Nigro, Felix A. Modern public administration. '65 (III/4:253)

Oxley, C. M. and Genevieve B. Oxley. Expectations of excellence. Cal Mgt Rev 6:13 (III/2:124)

Peters, David A. The principles and practice of supervision. '67 (VI/4:255)

Pfiffner, John M. and Robert Presthus. Public administration. '67 (VI/2:121)

Presthus, Robert. Behavioral approaches to public administration. '65 (IV/3:190)

Quinn, John R. Sure-fire ways to stunt your subordinates' growth. Pers 40:44 (I/2:125)

Richards, Max D. and William A. Nielander. Readings in management. '63 (II/1:63)

Schlater, Jean Davis. The management process and its core concepts. J Home Ec 59:93 (VI/1:60)

Spaulding, George E., Jr. The "effective" executive: what makes the difference? Mgt Rev 53:4 (III/4:252)

Valentine, Raymond F. The seven deadly sins of supervision. Superv Mgt 8:4 (I/4:252)

Varela, Jacobo A. Why promotions cause trouble—and how to avoid it. Pers 41:17 (III/4:252)

Zalkind, Sheldon S. and Timothy W. Costello. Perception: some recent research and implications for administration. Adm Sci Q 7:218 (I/1:63)

Adoption/Diffusion (*See* Change Process)

Adult/Continuing Education

Bergevin, Paul. A philosophy for adult education. '67 (VI/1:57)

Bradway, K. P. and C. W. Thompson. Intelligence at adulthood: a twenty-five year follow-up. J Ed Psych 53:1 (II/4:245)

Brunner, Edmund deS. *et al.* An overview of adult education research. '59 (I/2:118)

Burns, Hobert W., ed. Sociological backgrounds of adult education. '64 (III/3:190)

Cotton, Webster E. On behalf of adult education: a historical examination of the supporting literature. '68 (VI/3:185)

Donahue, Wilma T. Adult learning: limits and potentialities. In R. E. Hartley and E. L. Hartley, eds. Readings in psychology. '65 (III/3:180-81)

ERIC. Research and investigations in adult education. Ad Ed 18:issue (VI/1:60)

Fay, Jean B. Psychological characteristics affecting adult learning. Ad Ldrshp 13:172 (III/4:250)

Focus: on public school adult education. '63 (I/4:253)

Hendrickson, Andrew. Adult learning and the adult learner. Ad Ldrshp 14:254 (IV/2:125)

Hendrickson, Andrew. Are young adults educationally neglected? Ad Ldrshp 11:205 (I/2:123)

Houle, Cyril O. Continuing your education. '64 (III/2:119)

Houle, Cyril O. and John H. Buskey. The doctorate in adult education: 1935-1965. Ad Ed 16:131 (IV/4:252)

Ingham, R. J., ed. Institutional backgrounds of adult education. '66 (V/3:199)

Jensen, Gale, A. A. Liveright, and Wilbur Hallenbeck, eds. Adult education. '64 (IV/1:56)

Johnstone, John W. C. and Ramon J. Rivera. Volunteers for learning. '65 (IV/4:250)

Kidd, J. R. How adults learn. '59 (I/2:123)

Kreitlow, Burton W. Educating the adult educator, part 1: concepts for the curriculum. research bul 573 U of Wis '65 (IV/4:251)

Kuhlen, Raymond G., ed. Psychological

backgrounds of adult education. '63 (III/4:246)

Leading the learning group. ldrshp pamphlet 18 '63 (II/4:252)

Liveright, A. A. A study of adult education in the United States. '68 (VI/4:250)

Liveright, A. A. and Freda H. Goldman. Significant developments in continuing higher education. '65 (IV/4:252)

Mezirow, Jack and David Epley. Adult education in developing countries. '65 (V/4:260)

The new challenge in lifelong learning: resolutions and proceedings of a conference on the future role of the university in relation to public service. '65 (IV/3:191)

Pfeiffer, Marie S. Continuing education of women. '64 (III/2:127)

Riley, Thomas L. Farmers' institutes—a selected bibliography. '64 (III/4:250)

Scates, Alice Y. Women moving ahead. Am Ed 2:1 (V/2:134)

Sjogren, Douglas D. and Alan B. Knox. The influence of speed and prior knowledge and experience on adult learning. Coop. research proj 2233 U of Neb '65 (IV/2:118)

Solomon, Daniel, ed. The continuing learner. '64 (II/3:191)

Verner, Coolie. Adult education. '64 (II/3:182)

Verner, Coolie and Thurman White, eds. Administration of adult education. '65 (IV/2:127)

Verner, Coolie and Thurman White, eds. Adult education theory and method no. 4: adult learning. '65 (V/1:71)

Warren, Virginia B. How adults can learn more—faster. '61 (I/1:60)

Zahn, Jane C. Creativity research and its implications for adult education. '66 (VI/2:127)

Agriculturally-Related Topics

Cochrane, Willard W. The city man's guide to the farm problem. '65 (IV/3:189)

Farm goals in conflict. CAED Iowa State U '63 (III/2:117)

Higbee, Edward. Farms and farmers in an urban age. '63 (II/2:120)

Jewett, Alyce L. and Edwin C. Voorhies. Agricultural cooperatives: strength in unity. '63 (III/1:62)

Kellogg, Charles E. and David C. Knapp. The college of agriculture: science in the public service. '66 (V/1:67)

Shepherd, Geoffrey S. Farm policy: new directions. '64 (II/4:252)

Slocum, Walter L. Agricultural sociology. '62 (II/1:54)

Smith, Mervin G. and Carlton F. Christian, eds. Adjustments in agriculture —a national basebook. '61 (I/4:247)

Structural changes in commercial agriculture. CAED rep 24 Iowa State U '65 (III/4:253)

Change Process

Adopters of new farm ideas: characteristics and communications behavior. NC Reg ext pub 13 '61 (II/1:60)

Arensberg, Conrad M. and Arthur H. Niehoff. Introducing social change: a manual for Americans overseas. '64 (IV/1:61)

Bennis, Warren G., Kenneth D. Benne, and Robert Chin, eds. The planning of change: readings in the applied behavioral sciences. '62 (I/4:253)

Brandner, Lowell and Bryant Kearl. Evaluation for congruence as a factor in adoption rate of innovations. Rur Soc 29:288 (II/4:250)

Carlson, Richard O. Adoption of educational innovations. '65 (IV/3:188)

Cohen, Arthur R. Attitude change and social influence. '64 (II/4:253)

Corey, Stephen M. Helping other people change. '63 (III/1:62)

Eichholz, Gerhard C. Why do teachers reject change? TIP 2:264 (III/1:54)

Foster, George M. Traditional cultures —and the impact of technological change. '62 (III/2:121)

Gallaher, Art, Jr., ed. Perspectives in developmental change. '68 (VI/3:186)

Ginzberg, Eli, ed. Technology and social change. '64 (III/2:125)

Hardee, J. Gilbert. Planned change and systemic linkage in a five-year extension program with part-time farm families. Rur Soc 30:23 (III/2:124)

Lionberger, Herbert F. Adoption of new ideas and practices. '60 (II/2:123)

Mason, Robert G. The use of information sources in the process of adop-

tion. Rur Soc 29:40 (III/3:191)
Miles, Matthew B., ed. Innovation in education. '64 (IV/3:191)
Moore, Wilbert E. and Robert M. Cook, eds. Readings on social change. '66 (V/4:260)
Niehoff, Arthur H., ed. A casebook of social change. '66 (V/4:260)
Peter, Hollis W., ed. Comparative theories of social change. '66 (VI/2:122)
Rath, Robert A. and Roy C. Buck. An adult education program in urban policy and its impact on the community orientations of open- and closed-minded civic leaders. paper, Rural Soc Society '65 (III/4:241)
Rogers, Everett M. Bibliography on the diffusion of innovations. Dif of Innov research report 6 Mich State U '67 (VI/3:190)
Rogers, Everett M. Diffusion of innovations. '62 (I/3:184)
Schon, Donald A. Technology and change. '67 (VI/2:126)
Shostak, Arthur B., ed. Sociology in action: case studies in social problems and directed social change. '66 (V/1:70)
Verner, Coolie and Frank W. Millard. Adult education and the adoption of innovations by orchardists in the Okanagan Valley of British Columbia. Rur Soc monog 1 U of Br Col '66 (IV/3:179-80)
Watson, Goodwin, ed. Concepts for social change. '67 (V/4:253)
Welch, John M. and Coolie Verner. A study of two methods for the diffusion of knowledge. Ad Ed 12:231 (I/1:60)
Whipple, James B. and Gary A. Woditsch, eds. Oakland papers: symposium on social change and educational continuity. '66 (V/4:259)
Wilkening, E. A. Some perspectives on change in rural societies. Rur Soc 29:1 (II/3:187)

Clientele

Bernard, Jessie. Academic women. '64 (IV/1:61)
Burchinal, Lee G. and Perry E. Jacobson. Migration and adjustment of farm and urban families and adolescents in Cedar Rapids, Iowa. Rur Soc 28:364 (II/2:126)
Cassara, Beverly Benner, ed. American women: the changing image. '62 (I/4:248)
Clawson, Marion. Aging farmers and agricultural policy. J Farm Econ 45:13 (I/2:127)
Doremus, Mabel. Pilot study of young homemakers: 1964. Ext sv pub Cornell U '64 (III/4:241-42)
Family mobility in our dynamic society. CAED Iowa State U '65 (IV/1:60)
Fuguitt, Glenn V. Career patterns of part-time farmers and their contact with the agricultural extension service. Rur Soc 30:49 (III/2:124)
LeRay, Nelson L. Full-time farmers and part-time farmers in a low income area of northern New York State: a study of their socio-economic characteristics. unpub EdD '65 (III/3:181-82)
Ross, John E. and Lloyd R. Bostian. Functional orientation of Wisconsin farm women towards mass media. Ag journalism bul 33, U of Wis '65 (IV/2:119)
Young adults: the threshold years. '65 (IV/2:125)

Communication

American Association of Agricultural College Editors. AAACE communications handbook. '67 (VI/2:126)
Bluem, A. William. Documentary in American television. '65 (III/3:185)
Diack, Hunter. Language for teaching. '66 (V/2:135)
Fielden, John. What do you mean I can't write? Harv Bus Rev 42:144 (II/3:189)
Film and Audio-Visual Annual. '66 (V/1:71)
Haney, William V. Communication and organizational behavior: text and cases. '67 (VI/2:119)
Johnson, George Fiske. Pictures: their use in the agricultural extension service, Pennsylvania, 1914-1949. '67 (V/4:259)
Langdon, Grace E. and G. L. Carter, Jr. Writing and revising themes, term papers and manuscripts. '63 (II/3:187)
Lawrence, James E. Television and the communication process as related to the extension program. ETI series 13, Cornell U '63 (I/3:188)

Matson, Floyd W. and Ashley Montagu, eds. The human dialogue: perspectives on communication. '66 (V/4:258)

McMurry, Robert N. Clear communications for chief executives. Harv Bus Rev 43:131 (IV/1:60)

Myren, Delbert T. Bibliography: communications in agricultural development. '65 (IV/2:124)

Robinson, Edward J. Communication and public relations. '66 (V/2:129)

Schramm, Wilbur, ed. The science of human communication. '63 (III/2:120)

Steinberg, Charles S., ed. Mass media and communications. '66 (IV/4:248)

This, Leslie E. The leader looks at communication. '61 (I/1:62)

Community

Arensberg, Conrad M. and Solon T. Kimball. Culture and community. '65 (IV/3:186)

Copp, James H., ed. Our changing rural society: perspectives and trends. '64 (III/1:57)

Dean, Lois R. Five towns: a comparative community study. '67 (VI/4:251)

Freilich, Morris. Toward an operational definition of community. Rur Soc 28:117 (I/3:190)

Fuguitt, Glenn V. The city and countryside. Rur Soc 28:246 (II/1:62)

Fuller, Wayne E. RFD: the changing face of rural America. '64 (III/2:127)

Gore, William J. and Leroy C. Hodapp, eds. Change in the small community. '67 (VI/3:190)

Halpern, Joel M. The changing village community. '67 (VI/2:124)

Hurd, Helen G. The changing society and its challenges. J Home Ec 55:85 (I/2:124)

Nesius, Ernest J. The rural society in transition. '66 (V/3:196)

Payne, Raymond and Wilfrid C. Bailey. The community: a classified, annotated bibliography. '67 (VI/4:254)

Ross, Murray G. with B. W. Lappin. Community organization: theory, principles, and practice. '67 (V/4:254)

Sanders, Irwin T. The community: an introduction to a social system. '66 (V/1:66)

Schnore, Leo F. The rural-urban variable: an urbanite's perspective. Rur Soc 31:131 (IV/4:252)

Southern Region Education Board. The emerging city and higher adult education. nd (II/3:188)

Taylor, Lee. Urban-rural problems. '68 (VI/4:247)

Taylor, Lee and Arthur R. Jones, Jr. Rural life and urbanized society. '64 (III/2:118)

Warren, Roland L. The community in America. '63 (III/1:58)

Warren, Roland L., ed. Perspectives on the American community: a book of readings. '66 (V/2:135)

Young, Ruth C. and Olaf F. Larson. The contribution of voluntary organizations to community structure. Am J Soc 71:178 (VI/2:116)

Community Resource Development

Biddle, William W. Encouraging community development: a training guide for local workers. '68 (VI/4:250)

Biddle, William W. and Loureide J. Biddle. The community development process: the rediscovery of local initiative. '65 (III/4:243)

Franklin, Richard, ed. Patterns of community development. '66 (IV/4:248)

Ginzberg, Eli. The development of human resources. '66 (V/2:132)

Goodenough, Ward Hunt. Cooperation in change. '63 (II/3:183)

Jones, Bertis L. A philosophical view of community development as an adult education function. Ad Ldrshp 13:240 (III/4:251)

Kimball, William J. (coordinator). Community resource development: proceedings of the second national extension workshop. '66 (VI/2:121)

Kimball, W. J. (coordinator). Community resource development. '65 (IV/4:250)

King, Clarence. Working with people in community action. '65 (IV/1:62)

Manley, Vaughn Porter. Iowa's human and community development resources. '67 (VI/1:62)

Research and education for regional and area development. CAED pub Iowa State U '66 (IV/4:249)

Smith, Clodus R., Lloyd E. Partain, and James R. Champlin. Rural recreation for profit. '66 (V/1:70)

Decision Making/Problem Solving

Cohen, John. Behaviour in uncertainty. '64 (IV/1:63)

Emory, C. William and Powell Niland. Making management decisions. '68 (VI/4:250)

Gray, Roger. Problem-solving and executiveship can improve leadership. Ad Ldrshp 12:42 (I/3:191)

Magrabi, Frances M. Some aspects of decision as a system. J Home Ec 55:755 (II/2:126)

Maier, Norman R. F. Problem-solving discussions and conferences. '63 (II/3:185)

Mason, Joseph G. New ways to improve your decisions. Nat Bus 52:58 (III/3:189)

Miller, David W. and Martin K. Starr. The structure of human decisions. '67 (VI/2:124)

Valentine, Raymond F. Problem-solving doesn't have to be a problem. Superv Mgt 10:4 (IV/1:62)

Williams, Eugene N. An analysis of decision making processes used by county extension chairmen in Oklahoma in selecting extension programs. unpub PhD '66 (IV/4:240)

Diffusion (*See* Change Process)

Disadvantaged

Bitterman, Richard E. Education, 4-H and low socioeconomic urban youth. FES '65 (IV/1:61)

Bitterman, Richard E. Some factors in the environmental and psychological status of low socioeconomic, urban youth. FES '64 (IV/1:59)

Brill, Naomi. Communicating with low-income families. J Home Ec 58:631 (V/4:259)

Burchinal, Lee G. and Hilda Siff. Rural poverty. J Marr & Fam 26:399 (III/1:61)

Deutsch, Martin, and associates. The disadvantaged child. '67 (VI/2:124)

Duhl, Leonard J. and Antonia Handler Chayes. Individual, family, and community. J Home Ec 56:579 (II/4:252)

Everson, Norman O. Participation in voluntary organizations by Wisconsin rural youth of differential socio-economic levels. Unpub PhD '66 (IV/4:242)

Fishman, Leo, ed. Poverty amid affluence. '66 (V/1:69)

Haddox, Benjamin E. Joint decision-making patterns and related factors among low-income rural families. coop series bul 109 '65 (IV/3:180)

Hall, Nada Mae. Financial management practices of selected low-income families in an urban community in Oklahoma. unpub MS '65 (IV/1:52-53)

Herzog, Elizabeth. Some assumptions about the poor. Soc Serv Rev 37:389 (IV/2:126)

Hunter, Starley *et al.* Families in an urban enclave. Ext sv pub U of Mo '65 (IV/1:60)

Irelan, Lola M. and Arthur Besner. Low-income outlook on life. Welf Rev 3:13 (IV/4:253)

Kaufman, Harold F., Kenneth P. Wilkinson, and Lucy W. Cole. Poverty programs and social mobility. SSRC prelim report 13 Miss State U '66 (V/2:131)

Leighton, Alexander H. Poverty and social change. Sci Amer 222:21 (IV/1:59)

Paltiel, Freda L. Poverty: an annotated bibliography and references. '66 (IV/4:253)

Rubel, Arthur J. Across the tracks: Mexican-Americans in a Texas city. '66 (VI/3:185)

Tiedt, Sidney W., ed. Teaching the disadvantaged child. '68 (VI/4:251)

Will, Robert E. and Harold G. Vatter, eds. Poverty in affluence. '65 (V/1:69)

Word, U. G., Jr. and Lloyd L. Rutledge. Reaching the unreached. '66 (VI/1:60)

Working with low-income families. '65 (IV/4:251)

Evaluation

Brown, Emory J. *et al.* Evaluation of a time management television program. Ext study 27 Penn State U '64 (III/2:115-16)

Brown, Emory J. *et al.* Evaluation of a foods and nutrition educational program for low-income families in Wilkes-Barre, Pennsylvania. Ext study 32 Penn State U '65 (IV/4:241-42)

Phillips, Ray C. Evaluation in education. '68 (VI/3:186)

Solomon, Darwin D. Evaluating community programs. '62 (II/3:189)
Sutton, Elizabeth W. Analysis of research on selected aspects of evaluation in adult education. Fla State U proj 449 '64 (VI/4:244-45)
See also Teaching/Learning

Extension Scope and Philosophy
Bartlett, Kaye Francis. The role of the cooperative extension service in urban and urbanizing areas: an analysis of extension workers' opinions. unpub MS '64 (III/1:52)
Boone, E. J. and C. M. Ferguson, eds. Changing dimensions in agriculture and home economics: impact on cooperative extension administration. '62 (I/1:58)
Ericson, E. C. Public leader and faculty attitudes on university research and extension. Ext sv bul 654 Wash State U nd (IV/3:180-81)
Ferguson, C. M. Reflections of an extension executive. '64 (IV/4:249)
Haroldsen, Edwin O. Education midst controversy. Ad Ldrshp 13:66 (II/4:253)
Kelsey, L. D. and C. C. Hearne. Cooperative extension work. '63(I/4:250)
Sanders, H. C., ed. The cooperative extension service. '66 (IV/1:55)
Shannon, Theodore J. and Clarence A. Schoenfeld. University extension. '65 (IV/1:63)

Family Life Education
Duvall, Evelyn Millis. Family development. '62 (II/1:55)
Family life education–a cause for action. '66 (VI/1:61)
Fulcomer, David M. What are today's families like? J Home Ec 55:693 (II/1:59)
Helping families manage their finances. h ec res rept 21 ARS USDA '63 (II/4:250)
Journal of Marriage and the Family. 29:Feb issue (V/4:261)
Luckey, Eleanore Braun. Education for family living in the twentieth century. J Home Ec 57:685 (IV/3:189)
Paolucci, Beatrice. Contributions of a framework of home management to the teaching of family relationships. J Marr & Fam 28:338 (V/2:132)
Winnicott, D. W. The family and individual development. '65 (IV/3:189)

4-H
Bath, Wayne. Research results of opinions and attitudes toward 4-H objectives and operational procedures. ext sv pub U of Minn '64 (III/1:53)
Carter, G. L., Jr. and Robert C. Clark, eds. Selected readings and references in 4-H club work. '61 (I/1:57)
Claiborne, Paul R. and Robert L. Johnson. A comparative study of school and community types of 4-H clubs in Kentucky. Dept of ag and ext ed U of Md '66 (IV/4:243)
Kell, Bruce C. Expressed attitudes and opinions of extension personnel, certain 4-H local leaders, parents of 4-H members, and other adults, concerning philosophy, objectives, principles, policy, and operational procedure of the Arizona 4-H club program. MAgEd prob '64 (III/1:52-53)
Kreitlow, Burton W. and Robert F. Barnes. 4-H impact. Ag exper sta spec bul 8 U of Wis '62 (I/1:60)
Quisenberry, Karl S. and Gary L. Seevers. A study of the possibilities of expanding the understanding and use of science through 4-H club work. '63 (I/3:189)
Willman, H. A. A 4-H handbook and lesson guide. '63 (I/4:249)

Group Processes
Beal, George M., Joe M. Bohlen, and J. Neil Raudabaugh. Leadership and dynamic group action. '62 (I/1:55)
Berne, Eric. The structure and dynamics of organizations and groups. '63 (II/3:184)
Bradford, Leland P., Jack R. Gibb, and Kenneth D. Benne. T-group theory and laboratory method. '64 (III/3:184)
Conde-Thillett, Mario L. Dealing with controversial issues. Ad Ldrshp 13:207 (III/4:251)
Cooper, James G. and Dan E. Ficek. Group process applied to the teaching of adults: a guide. mimeo '66 (V/2:130)
Elliott, Grace L., ed. How to help groups make decisions. '59 (I/1:63)
Ewbank, Henry L., Jr. Meeting management. '68 (VI/3:187)

Goldman, Morton and Louis A. Fraas. The effects of leader selection on group performance. Socmtry 28:82 (V/1:63-64)

Grove, Theodore. Attitude convergence in small groups. J Commun 15:266 (VI/1:51-53)

Hare, A. Paul, Edgar F. Borgatta, and Robert F. Bales, eds. Small groups: studies in social interaction. '65 (IV/2:124)

Harnack, R. Victor and Thorrel B. Fest. Group discussion—theory and technique. '64 (III/2:123)

Holland, Linnea B. Helping committees achieve objectives and maintain interest and satisfaction. FES '65 (IV/2:125)

Kemp, C. Gratton. Perspectives on the group process. '64 (III/1:55)

Leigh, David R. The engineering of disagreement. Trng Dir J 18:44 (III/3:190)

Longest, James W. and William H. Gengenbach. Otsego County experimental program for testing methods of forming farm management study groups. Ext study 8 Cornell U '65 (IV/4:242-43)

Lowry, Sheldon G. Committees: a key to group leadership. NC Reg ext pub 18 '65 Mich State U (V/1:71)

Mann, Richard D., Graham S. Gibbard, and John J. Hartman. Interpersonal styles and group development: an analysis of the number-leader relationship. '67 (VI/2:125)

Mills, Theodore M. The sociology of small groups. '67 (VI/2:122)

Sherif, Muzafer. In common predicament. '66 (VI/3:190)

Stogdill, Ralph M. Individual behavior and group achievement. '59 (IV/1:63)

Thelen, Herbert A. Dynamics of groups at work. '54 (IV/1:57)

Wilson, Everett K. Sociology: rules, roles, and relationships. '66 (IV/3:188)

Ziller, Robert C. Toward a theory of open and closed groups. Psychl Bul 64:164 (IV/1:51-52)

Human Behavior

Abrahamson, Mark. Interpersonal accommodation. '66 (VI/1:63)

Banton, Michael. Roles: an introduction to the study of social relations. '65 (IV/2:127)

Berelson, Bernard, ed. The behavioral sciences today. '63 (II/1:63)

Berelson, Bernard and Gary A. Steiner. Human behavior: shorter edition. '67 (V/4:255)

Brim, Orville G., Jr. and Stanton Wheeler. Socialization after childhood: two essays. '66 (V/3:194)

Britt, Stewart Henderson, ed. Consumer behavior and the behavioral sciences: theories and applications. '66 (IV/4:252)

Candland, Douglas K. and James F. Campbell. Exploring behavior. '61 (II/3:188)

Clark, James V. Distortions of behavioral science. Cal Mgt Rev 6:55 (II/3:191)

Ewing, David E. Tension can be an asset. Harv Bus Rev 42:71 (III/1:61)

Fales, Ann Wohlleben. The pattern of anxiety in residential conferences. cont ed rep 11 U of Chicago '66 (V/2:125)

Gast, David K. Consumer education and the Madison Avenue morality. Phi D K 48:485 (VI/1:62)

Heald, James E. In defense of middle-class values. Phi D K 46:81 (II/4:251)

Honigmann, John J. Personality in culture. '67 (VI/3:186)

Honigmann, John J. Understanding culture. '63 (I/4:253) and (IV/2:122)

Howard, Thelma. An exploratory study of a comparison of expressed acceptance of self and others between 4-H members involved in two types of project evaluation. unpub MS '66 (V/2:123-24)

Hussell, C. G. Ivan and Alice F. Laing. A biological and psychological background to education. '67 (V/4:258)

Jennings, Jesse D. and E. Adamson Hoebel, eds. Readings in anthropology. '66 (V/3:197)

Kahn, R. L. *et al.* Organizational stress: studies in role conflict and ambiguity. '64 (IV/4:244)

Karlin, Jules. Man's behavior: an introduction to social science. '67 (VI/1:62)

Krech, David, Richard S. Crutchfield, and Egerton L. Ballachey. Individual in society. '62 (I/3:183)

Kuhlen, Raymond G. and George G. Thompson, eds. Psychological studies of human development. '63 (II/2: 127)

Lienhardt, Godfrey. Social anthropology. '66 (V/4:256)

McClelland, David C. The achieving society. '67 (VI/3:191)

Moore, Bernice Milburn. Interaction among generations. J Home Ec 59:621 (VI/3:189)

Raths, Louis E., Merrill Harmin, and Sidney B. Simon. Values and teaching: working with values in the classroom. '66 (VI/2:126)

Rush, Harold M. F. What is behavioral science? Conf Bd Rec 2:35 (IV/4:250)

Schusky, Ernest L. and T. Patrick Culbert. Introducing culture. '67 (VI/3:183)

Smith, David. Developmental tasks and adult education. Cont Lrng 5:179 (V/2:134)

Wallace, Walter L. Student culture. '66 (V/1:69)

International Emphasis

Chang, C. W. Extension education for agricultural and rural development. '63 (V/1:70)

Duncan, James A. and Thomas C. Flores, eds. Comparative extension programs. mimeo '67 (VI/4:252)

Hannah, H. W. Resource book for rural universities in the developing countries. '66 (IV/4:251)

Hannah, H. W. and Robert R. Caughey. The legal base for universities in developing countries. '67 (VI/2:123)

International home economics: conference on world-wide development of home economics in higher education. CAED rep 25 '65 (IV/4:249)

Lerner, Daniel and Wilbur Schramm, eds. Communication and change in the developing countries. '67 (VI/2:122)

Penders, J. M. A., ed. Rural extension at the crossroads. '63 (II/4:248)

Savile, A. H. Extension in rural communities. '65 (V/1:69)

Textor, Robert B., ed. Cultural frontiers of the peace corps. '66 (V/3:197)

Leader Training/Development

Craddock, John R. Training teachers of adults. Ad Ldrshp 11:268 (I/2:126)

Havens, James E. An analysis of a training program for Washington's new 4-H leaders. M spec prob rep '66 (V/1:62)

Heasley, Daryl K. Leadership training for you. '66 (VI/2:123)

Liveright, A. A. Strategies of leadership. '59 (III/3:186)

Loewenstein, Duane E. and Susan S. Lewis. Development of human resources. '65 (VI/4:245)

Naylor, Harriet H. Volunteers today—finding, training and working with them. '67 (VI/1:58)

Probing volunteer-staff relations. '63 (III/1:62)

Reinbold, Emma J. Small group planning and discussion as an aid to more effective leadership training. Ext bul 77 '61 (II/3:191)

Roberts, Dorothy M. Leading teen-age groups. '63 (II/4:246)

Stenzel, Anne K. and Helen M. Feeney. Volunteer training and development: a manual for community groups. '68 (VI/4:251)

Tarcher, Martin. Leadership and the power of ideas. '66 (V/2:128)

Leadership

Alexander, Frank D. Study of first-year 4-H club leaders in New York State. ext study 12 Cornell U '66 (IV/3: 182)

Bible, Bond L. and Emory J. Brown. Role consensus and satisfaction of extension advisory committee members. Rur Soc 28:81 (I/2:126)

Boek, Walter. Field techniques in delineating the structure of community leadership. Hum Org 24:358 (IV/1:54)

Bonjean, Charles M. and David M. Olson. Community leadership: directions of research. Adm Sci Q 9:278 (III/2:125)

Fiedler, Fred E. A theory of leadership effectiveness. '67 (VI/4:246)

Haiman, Franklyn S. Group leadership

and democratic action. '51 (IV/2: 121)

Harding, John, Edward C. Devereux, Jr., and Urie Bronfenbrenner, eds. Leadership and participation in a changing rural community. J Soc Iss 16:issue (I/1:62)

Hollander, E. P. Leaders, groups, and influence. '64 (III/4:245)

Humbert, Harold Franklin. Creative leadership. '67 (VI/2:127)

Janowitz, Gayle. Helping hands: volunteer work in education. '65 (IV/4: 248)

Kahn, Robert L. and Elise Boulding. Power and conflict in organizations. '64 (II/3:188)

Knowles, Malcolm S. The leader looks at self-development. '61 (I/1:62)

Kreitlow, Burton W., E. W. Aiton, and Andrew P. Torrence. Leadership for action in rural communities. '60 (I/2:125)

Laskin, Richard. Leadership of voluntary organizations in a Saskatchewan town. '62 (II/1:62)

Ross, Murray G. and Charles E. Hendry. New understandings of leadership. '57 (II/1:57)

Sargent, James F. Differences in communication behaviors of authoritarian and democratic leaders. unpub MS '67 (VI/1:53)

Wishart, J. Kenneth. Techniques of leadership. '65 (III/4:250)

Zaleznik, Abraham. Human dilemmas of leadership. '66 (VI/2:118)

Methods/Media

Aker, George F. Adult education procedures, methods and techniques: a classified and annotated bibliography, 1953-1963. '65 (IV/1:61)

Alter, Henry C. Of messages and media: teaching and learning by public television. '68 (VI/4:250)

Bergevin, Paul, Dwight Morris, and Robert M. Smith. Adult education procedures. '63 (II/4:247)

Bodenhamer, Schell H. The effects of presenting informative speeches with and without the use of visual aids to voluntary adult audiences. unpub Ph D '64 (III/3:183)

Bonser, Howard J. Teaching sewing by television. Ext study 35 Penn State U '66 (VI/1:53)

Brown, David S. The speaker will answer questions. Ad Ldrshp 15:39 (V/2:131)

Callahan, Genevieve and Lou Richardson. Home economics show-how and showmanship. '66 (IV/4:245)

Coffey, Edward P. Is the conference method your method? Trng Dir J 18:36 (III/4:249)

de Kieffer, Robert E. Audiovisual instruction. '65 (III/4:253)

Glaser, Robert, ed. Teaching machines and programmed learning, II: data and directions. '65 (IV/4:248)

Jones, Gwyn E. and Jeremy Howell. A farm 'open day' on grain drying and storage—an assessment of an advisory method. U of Reading, England '66 (V/2:122-23)

Marsh, C. Paul and T. M. Hyman. Programmed learning in extension training. Tech bul 161 NC ag exp sta '64 (III/1:53-54)

Ohliger, John Funnell. The listening group in adult education. unpub Ed D '66 (VI/4:244)

Oppenheim, Irene. Teaching adult women from Puerto Rican families in New York City how to use their financial resources more effectively. mimeo US office of ed proj S-033 '65 (III/2:114-15)

Plotnick, Morton. Education and mass mailing: its impact on volunteers. Ad Ed 15:89 (III/2:125)

Rogers, C. A. Radio and television programming preferences of influentials and farmers in four areas of Kansas. unpub MS '64 (II/4:244-45)

Rossi, Peter H. and Bruce J. Biddle, eds. The new media and education. '66 (V/4:261)

Sabrosky, Laurel K. *et al.* Distribution and use of selected civil defense publications. FES '66 (V/1:62-63)

Schein, Edgar H. and Warren G. Bennis. Personal and organizational change through group methods. '65 (IV/2:127)

Shipman, Jean A. and Nellie R. McCannon. Urbanites must be approached through recognized information sources. J Home Ec 56:744 (III/1:60)

Villegas, Leopoldo M. Field demonstration: its effects on level of knowledge, understanding, and attitudes of

farmers about choice of a rice variety and use of fertilizers. unpub MS '66 (V/4:250-51)

Wagner, Guy *et al.* Educational games and activities. '66 (V/3:199)

Warren, Virginia B., ed. A treasury of techniques for teaching adults. '64 (III/3:190)

York, Martha Lee. Extension bulletins with and without a cover letter as a way to reach young homemakers with educational information. unpub MS '66 (V/4:249-50)

Miscellaneous

Adams, Bert N. Kinship in an urban setting. '68 (VI/4:254)

Allen, Herman R. Open door to learning: the land-grant system enters its second century. '63 (II/4:253)

Boulding, Kenneth E. The impact of the social sciences. '66 (V/3:196)

Broom, Leonard and Philip Selznick. Sociology: a text with adapted readings. '68 (VI/4:255)

Bush-Brown, Louise. Young America's garden book. '62 (III/1:56)

Camp, William L. Guide to periodicals in education. '68 (VI/4:252)

Clifton, James A., ed. Introduction to cultural anthropology: essays in the scope and methods of the science of man. '68 (VI/4:254)

The conference planner: a guide to good education meetings. '67 (VI/2:127)

Cutlip, Scott M. A public relations bibliography. '65 (IV/2:127)

Cutlip, Scott M. and Allen H. Center. Effective public relations. '64 (III/4:247)

DiRenzo, Gordon J., ed. Concepts, theory, and explanation in the behavioral sciences. '66 (VI/2:125)

Gardner, John W. Excellence. '61 (I/3:187)

Hatch, Richard A., ed. An early view of the land-grant colleges. '67 (VI/2:125)

Hollander, Edwin P. and Raymond G. Hunt., eds. Current perspectives in social psychology. '67 (VI/4:250)

Koefod, Paul E. The writing requirements for graduate degrees. '64 (II/2:125)

Lee, Jeanette A. and Paul L. Dressel. Liberal education and home economics. '63 (III/1:63)

Leverton, Ruth M. Food becomes you. '60 (I/2:120)

Levy, Sidney J. The meaning of work. '63 (I/4:253)

Lieberman, Myron. Big business, technology, and education. Phi D K 48:185 (VI/1:61)

Miller, Howard L. Agdex: an index and filing system for agricultural publications. '62 (I/3:189)

Nosow, Sigmund and William H. Form. Man, work, and society. '62 (III/2:127)

Robison, Lloyd E. Human growth and development. '68 (VI/4:253)

Shurtleff, Malcolm C. How to control plant diseases in the home and garden. '62 (I/2:119)

Theobald, Robert, ed. Dialogue on education. '67 (VI/4:253)

Motivation

Atkinson, John W. and Norman T. Feather, eds. A theory of achievement motivation. '66 (V/4:261)

Boyd, Robert D. A model for the analysis of motivation. Ad Ed 16:24 (IV/1:63)

Cobes, C. J. The effects of presence and absence of peers on performance and level of aspiration of high and low anxious subjects. unpub MS '65 (III/3:180)

Farson, Richard E. Praise reappraisal. Harv Bus Rev 41:61 (II/1:62)

Friedlander, Frank and Eugene Walton. Positive and negative motivations toward work. Adm Sci Q 9:194 (II/4:250)

Ginzberg, Eli. Man and his work. Cal Mgt Rev 5:21 (I/2:125)

Habbe, Stephen. Separating the men from the boys. Bus Mgt Rec Oct '63:16 (II/3:190)

Herzberg, Frederick. Work and the nature of man. '66 (V/2:126)

Levine, David, ed. Nebraska symposium on motivation. '66 (VI/3:190)

Myers, M. Scott. Who are your motivated workers? Harv Bus Rev 42:73 (II/2:125)

Odiorne, George S. An uneasy look at motivation theory. Trng Dir J 19:3 (III/2:125)

Spitze, Hazel Taylor. Relation between meaning and motivation for learning.

J Home Ec 58:27 (IV/1:62)
Tarnopol, Lester. Motivation in human relations. '63 (IV/2:126)
Vroom, Victor H. Work and motivation. '64 (III/4:252)

Organization

Argyris, Chris. Organization and innovation. '65 (IV/3:190)
Bell, Gerald D., ed. Organizations and human behavior: a book of readings. '67 (VI/1:61)
Bennis, Warren G. Changing organizations. '66 (V/3:193)
Bowers, Raymond V., ed. Studies on behavior in organizations. '66 (V/4:259)
Brown, Winifred L. Unearthing an organization's hidden perceptions. Ad Ldrshp 22:239 (II/2:127)
Caplow, Theodore. Principles of organization. '64 (IV/4:246)
Hutchinson, John G. Organizations: theory and classical concepts. '67 (VI/2:124)
Indik, Bernard P. and Stanley E. Seashore. Hidden costs of large size—and how to avoid them. Pers 41:16 (II/4:252)
Katz, Daniel and Robert L. Kahn. The social psychology of organizations. '66 (V/2:130)
Maniha, John and Charles Perrow. The reluctant organization and the aggressive environment. Adm Sci Q 10:238 (V/3:189-90)
Morphet, Edgar L., Roe L. Johns, and Theodore L. Reller. Educational organization and administration. '67 (VI/1:62)
Peabody, Robert L. Organizational authority. '64 (IV/1:62)
Price, James L. Organizational effectiveness: an inventory of propositions. '67 (VI/4:253)
Price, James L. The impact of governing boards on organizational effectiveness and morale. Adm Sci Q 8:361 (II/3:189)
Sayles, Leonard R. and George Strauss. Human behavior in organizations. '66 (V/2:127)
Scott, William G. Organization theory: a behavioral analysis for management. '67 (VI/1:63)
Stieglitz, Howard. Optimizing span of control. Mgt Rec 24:25 (II/1:60)
Stone, B. Douglas, Jr. Reorganizing—more than drawing a new chart. Pers Admn 10:38 (IV/3:190)
Thompson, James D., ed. Approaches to organizational design. '66 (V/3:199)
Thompson, James D. Organizations in action. '67 (VI/1:56)
Thompson, Robert E. Span of control—conceptions and misconceptions. Bus Horz 7:49 (III/1:63)
Warren, Hoyt M. A survey of selected materials pertaining to the administrative organization of the cooperative extension service in the United States. ext sv mimeo Auburn U '63 (I/3:189)
Warren, Hoyt M. Administrative organization as it relates to the cooperative extension service. ext sv mimeo Auburn U '66 (V/3:198)
Wilensky, Harold L. Organizational intelligence. '67 (VI/4:255)

Participation

Cervantes, Lucius F. The dropout: causes and cures. '65 (IV/3:188)
Coolican, P. M. and F. D. Alexander. Study of dropouts in Chautauqua home demonstration membership in 1959-60. ext study 5 Cornell U '64 (II/4:243-44)
Houle, Cyril O. Who strays—and why? Ad Ed 14:225 (III/3:189)
Mann, W. E. Adult drop-outs. Cont Lrng 5:55 (V/2:130)
Miller, Harry L. Participation of adults in education: a force-field analysis. '67 (VI/3:189)
Rouse, W. F. Factors influencing retention of senior 4-H club boys in Hamilton County, Tennessee. unpub MS '64 (II/4:242-43)
Stowe, Frank W., Jr. Reasons for dropouts and re-enrollments by older 4-H club members in Stevens County, Washington. M Ext prob '63 (II/4:243)
Warner, W. Keith. Attendance and division of labor in voluntary associations. Rur Soc 29:396 (III/1:60)
Zahn, Jane. Drop-outs and academic ability in university extension courses. Ad Ed 15:35 (VI/2:113)

Performance Appraisal

Krantz, Irwin W. Evaluating the techni-

cal employee: a result approach. Pers 41:47 (II/2:125)

Meyer, H. H., E. Kay, and J. R. P. French, Jr. Split roles in performance appraisal. Harv Bus Rev 43:123 (IV/3:190)

Miner, John B. The management of ineffective performance. '63 (III/1: 58)

Pearson, Roy. Where do we go from here? Think 30:2 (III/3:190)

Professionalism

Brameld, Theodore and Stanley Elam, eds. Values in American education. '64 (IV/3:191)

Kemp, Phyllis E. Professional commitment of home economics agents in Kansas. unpub MS '65 (IV/1:53-54)

Kohls, R. L. A proposal for improving extension and collegiate teaching. J Farm Econ 46:341 (III/3:191)

Vollmer, Howard M. and Donald L. Mills, eds. Professionalization. '66 (V/2:135)

See also Staff Development

Programming/Curriculum

Beal, George M. *et al.* Social action and interaction in program planning. '66 (IV/4:247)

Bellman, Richard. Dynamic programming. Sci 153:34 (IV/4:240-41)

Boyle, Patrick G. The program planning process with emphasis on extension. '65 (IV/1:60)

Cannon, Dale C. Improving extension program planning procedures in San Luis Obispo County, California. grad study sum, Wash State U '65 (IV/2:117-18)

Concepts and generalizations: their place in high school home economics curriculum development. '67 (VI/3: 187)

Douglas, Leonard C. Projection of informal educational programs through forecasting. unpub EdD '66 (IV/2: 116-17)

Knowles, Malcolm S. Program planning for adults as learners. Ad Ldrshp 15:267 (VI/3:189)

Leeper, Robert R., ed. Curriculum change: direction and process. '66 (V/2:133)

Mager, Robert F. Preparing objectives for programmed instruction. '62 (II/2:122)

Martin, W. T. and Dan C. Pinck, eds. Curriculum improvement and innovation. '66 (V/2:132)

Morrissett, Irving, ed. Concepts and structure in the new social science curricula. '67 (VI/4:252)

Spitze, Hazel Taylor. The structure of home economics as a basis for curriculum decisions. Ill Tch H Ec 9:62 (V/1:70)

Time to teach: action report. '66 (V/2:131)

Tyler, Ralph W. Basic principles of curriculum and instruction. '50 (III/4:244)

Unruh, Glenys G. and Robert R. Leeper, eds. Influences in curriculum change. '68 (VI/4:253)

Utz, Alan P., Jr. An analysis of selected factors relative to programming efforts of Kentucky county extension agents. unpub PhD '65 (III/2: 113-14)

Verduin, John R., Jr. Cooperative curriculum improvement. '67 (V/4:258)

Research

Byrn, Darcie. Review of extension research: January through December 1961. circ 541 FES '62 (I/1:61)

Byrn, Darcie. Review of extension research: 1962. FES '63 (I/4:251)

Carpenter, W. L. and Sudarshan Kapoor. Graduate research in adult education at Florida State University, 1950-1966. '66 (V/2:133)

Cook, Desmond L. The Hawthorne effects in educational research. Phi D K 44:116 (I/2:123)

Culbertson, Jack A. and Stephen P. Heneley, eds. Educational research: new perspectives. '63 (II/1:63)

Helmer, Olaf with Theodore Gordon and Bernice Brown. Social technology. '66 (V/3:197)

Oppenheim, A. N. Questionnaire design and attitude measurement. '66 (V/2:131)

Pugh, Griffith Thompson. Guide to research writing. '68 (VI/4:253)

Stephens, J. M. Making dependable use of published research: a proposed check list. J Ed Res 61:99 (VI/3:188)

Theory Into Practice 6:issue (VI/3:188)

Thiede, Wilson and James Draper. Research and investigations in adult education. Ad Ed 13:195 (II/1:61)
Thiede, Wilson and James Draper. Research and investigations in adult education. Ad Ed 14:195 (II/4:253)
Vroom, Victor H., ed. Methods of organizational research. '67 (VI/3:186)
Wise, John E., Robert B. Nordberg, and Donald J. Reitz. Methods of research in education. '67 (VI/3:188)

Social Change (*See* Change Process; Community; Community Resource Development)

Staff Development

Bass, Bernard M. and James A. Vaughan. Training in industry: the management of learning. '66 (VI/2:126)
Cardozier, V. R., ed. Teacher education in agriculture. '67 (VI/3:185)
Collings, Mary L. Graduate study for me? FES pa-522 '62 (I/4:251)
Cunningham, Clarence J. Measures of leader behavior and their relation to performance levels of county extension agents. unpub PhD '64 (III/1:51-52)
Ewing, David W. The knowledge of an executive. Harv Bus Rev 42:91 (II/3:188)
Huneryager, S. G. The psychological basis of effective training. Trng Dir J 18:3 (III/1:60)
Increasing understanding of public problems and policies. conf rep '62 (I/2:127)
Kemp, Phyllis E. Junior assistant home economics agents in Kansas—an evaluation of the Kansas preservice training program. Ext study 3 Kans State U '67 (V/4:250)
Klopf, Gordon J. and Garda W. Bowman. Teacher education in a social context. '67 (V/4:258)
Pauk, Walter. Speed reading for the executive. Trng Dir J 19:15 (III/2:127)
Root, Blake S. and R. Ray Roberts. Competencies needed by training directors. Trng Dev J 20:2 (V/2:134)
Schein, Edgar H. How to break in the college graduate. Harv Bus Rev 42:68 (III/2:126)
Shyrock, John B. A comparative analysis of the effect of special graduate study on selected extension agents responsible for 4-H club work in Virginia. unpub MS '66 (IV/3:181-82)
Swanson, Harold B. Factors associated with motivation toward professional development of county agricultural agents in Minnesota. unpub Ph D '65 (III/4:240)
See also Professionalism; Staff Role; Staffing

Staff Role

Cebotarev, Eleonora A. and Gary W. King. Attitudes toward anti-poverty programs in the extension service: a case study. paper, Rural Soc Society '66 (V/2:124-25)
Horne, Ralph H. County commissioners' and county agents' perception of the Utah State University's extension services. unpub MS '66 (V/3:187)
Peabody, Fred J. An analysis of critical incidents for recently employed Michigan cooperative extension agents with implications for training. unpub Ph D '68 (VI/4:242-43)
Polycarpou, Christophoros. Role of county extension agents in formulating a statewide framework for program planning in Kansas. unpub MS '65 (III/2:114)
Quinn, Emily H. and Edgar J. Boone. Raising our professional sights in extension. Ad Ed 15:23 (III/1:61)
Schroeder, Mary Doris. The role of the district extension home economist in Kansas. unpub MS '68 (VI/4:243)
See also Staff Development; Staffing

Staffing

Bassett, Glenn A. The screening process: selection or rejection. Pers 39:31 (I/3:191)
Deere, Runyan E. An analysis of the nature of change in staffing the cooperative extension services with special reference to the educational requirements of college graduates. unpub Ph D '65 (IV/2:118-19)
Frutchey, Fred P. The development of an aptitude test for the selection of county agricultural agents. FES '65 (III/4:239-40)
Goslin, David A. The search for ability. '63 (I/4:253)
Hoyt, Donald P. The relationship be-

tween college grades and adult achievement—a review of literature. ACT rep 7 '65 (VI/1:55)

Johnson, Alton C. and Robert W. McCormick. Staffing decisions in the cooperative extension service. '62 (I/2:121)

Magee, Richard H. Reference checking —objectives and techniques. Pers J 43:551 (III/4:251)

Ross, Eugene. Factors affecting the allocation of county resources to area specialist positions in Kansas. ext sv pub es-2 Kans State U '67 (VI/1:54-55)

Trull, Samuel G. Strategies of effective interviewing. Harv Bus Rev 42:89 (II/3:190)

Teaching/Learning

Amidon, Edmund and Elizabeth Hunter. Improving teaching: the analysis of classroom verbal interaction. '66 (V/3:198)

Bigge, Morris L. Learning theories for teachers. '64 (IV/2:120)

Bower, Eli M. and William G. Hollister, eds. Behavioral science frontiers in education. '67 (VI/2:121)

Bruner, Jerome S. *et al.* Studies in cognitive growth. '66 (VI/3:191)

Bruner, Jerome S. Toward a theory of instruction. '66 (V/3:191)

Crow, Lester D. and Alice Crow. Introduction to education: fundamental principles and modern practices. '66 (V/2:135)

Dewey, John. Experience and education. '63 (II/1:60)

Doll, Ronald C., ed. Individualizing instruction. '64 (III/2:126)

Drinkmeyer, Don and Rudolf Dreikurs. Encouraging children to learn: the encouragement process. '63 (III/2:126)

Dunfee, Maxine. Elementary school science: a guide to current research. '67 (VI/3:189)

Gage, N. L., ed. Handbook of research on teaching. '63 (II/3:187)

Harbin, Calvin E. Teaching power. '67 (VI/3:191)

Herbert, John. A system for analyzing lessons. '67 (VI/4:255)

Holt, Howard B. The educational uses of change. Phi D K 46:188 (III/1:62)

Houle, Cyril O. The inquiring mind. '61 (I/1:56)

Issues in family economics: proceedings of a national conference. '67 (VI/2:127)

Jones, J. Charles. Learning. '67 (VI/4:252)

King, Edmund J. Education and social change. '66 (VI/2:121)

Klausmeier, Herbert J. and Chester W. Harris. Analyses of concept learning. '66 (V/3:196)

Klausmeier, Herbert J. and William Goodwin. Learning and human abilities. '66 (V/3:192)

Klausmeier, Herbert J., William Wiersma, and Chester W. Harris. Efficiency of initial learning and transfer by individuals, pairs, and quads. J Ed Psych 54:160 (III/4:242)

Klopf, Gordon J. and William A. Hohman, eds. Perspectives on learning. '67 (VI/1:63)

Kneller, George F. Educational anthropology: an introduction. '65 (IV/3:184)

Komisar, B. Paul and C. B. J. Macmillan. Psychological concepts in education. '67 (VI/3:191)

Kuethe, James L. The teaching-learning process. '68 (VI/3:186)

Lanyon, Richard I. and Milton M. Schwartz. Psychological learning theory: application to adult education. Ad Ed 17:12 (V/4:260)

Leeper, Robert R., ed. Humanizing education: the person in the process. '67 (VI/2:123)

McDonald, Frederick J. Educational psychology. '62 (II/1:56)

Melby, Ernest O. The teacher and learning. '63 (II/3:185)

Peters, R. S., ed. The concept of education. '67 (VI/2:127)

Piltz, Albert and Robert Sund. Creative teaching of science in the elementary school. '68 (VI/3:187)

Postlethwait, S. N., J. Novak, and H. Murray. An integrated experience approach to learning. '64 (IV/3:188)

Raths, Louis E. *et al.* Teaching for thinking: theory and application. '67 (VI/2:125)

Ripple, Richard E., ed. Readings in learning and human abilities: educational psychology. '64 (III/4:249)

Saunders, Robert L., Ray C. Phillips,

and Harold T. Johnson. A theory of educational leadership. '66 (IV/3: 183)

Solomon, Daniel, William E. Bezdek, and Larry Rosenberg. Teaching styles and learning. '63 (II/2:126)

Thorndike, Edward L. Human learning. '66 (IV/4:253)

Tyler, Ralph W. Education in a world of change. J Home Ec 54:527 (I/1:61)

Walton, John and James L. Kuethe, eds. The discipline of education. '63 (II/2:127)

Weir, Edward C. The meaning of learning and the learning of meaning. Phi D K 46:280 (III/4:250)

See also Methods/Media

Youth

Berkowitz, Leonard. The development of motives and values in the child. '64 (II/4:251)

Blaine, Graham B., Jr. Youth and the hazards of affluence: the high school and college years. '66 (VI/4:252)

Brennan, John A. Thinking about young people. '67 (VI/2:125)

Caldwell, Louis O. If you talk to teens: a source book for youth leaders. '66 (V/3:196)

Coleman, James S. Adolescents and the schools. '65 (IV/3:185)

Coleman, James S. Social climates in high schools. '61 (II/3:190)

Coleman, James S. Teen-agers and their crowd. PTA Mag 56:4 (I/2:124)

Cushman, Harold R., Virgil E. Christensen, and Garry R. Bice. A study of off-farm agricultural occupations in New York State. mimeo Cornell U '65 (V/3:188-89)

Eppel, E. M. and M. Eppel. Adolescents and morality. '66 (VI/2:122)

Erikson, Erik H. Identity: youth and crisis. '68 (VI/4:254)

Erikson, Erik H., ed. Youth: change and challenge. '62 (II/1:55)

Frymier, Jack R. A study of students' motivation to do good work in school. J Ed Res 57:239 (II/1:59)

Grant, Bruce, George D. Demos, and Willard Edwards. Guidance for youth. '65 (IV/3:189)

Havighurst, Robert J. *et al.* Growing up in river city. '66 (V/2:133)

Humphreyville, Theresa R. Futures for home economists. '63 (II/2:121)

Hutchison, Chester S. Your future in agriculture. '65 (IV/2:126)

Kohout, Vernon A. and John W. Rothney. A longitudinal study of consistency of vocational preferences. Am Ed Res J 1:10 (III/2:116)

Krauss, Irving. Sources of educational aspirations among working-class youth. Am Soc Rev 29:867 (III/3:191)

Levy, William V. College scholarships and loans: who gets them—how and why. '64 (II/3:189)

Lindstrom, D. E. Factors related to the education and job plans of rural youth. Ill Ag Ec 7:31 (VI/4:243-44)

Muessig, Raymond H., ed. Youth education: problems/perspectives/promises. '68 (VI/3:185)

Musgrove, F. Youth and the social order. '64 (III/4:252)

Nash, Ruth Cowan, ed. Rural youth in a changing environment. '65 (IV/1: 59)

Nussel, Edward J. and Charles W. Sprandel, eds. An introduction to the foundations of education. '66 (V/2:130)

Osborne, Ernest G. Understanding your parents. '66 (V/3:198)

Personality development: infancy through early adolescence. mimeo Cornell U '67 (VI/2:123)

Peters, Herman J. Processes of personal developing in adolescence. Adol 2:435 (VI/3:188)

Phillips, Clinton E. Teaching young people to help each other. Adol 3:133 (VI/4:254)

Rader, Gilbert. A survey of how boys and girls use their time. unpub '65 (V/4:251-52)

Ramsey, Charles E. Problems of youth: a social problems perspective. '67 (VI/2:117)

Seton, Julia M. The quandary of youth. '67 (VI/4:248)

Sherif, Muzafer, and Carolyn Sherif, eds. Problems of youth. '65 (VI/3: 182)

Simmons, J. L. and Barry Winograd. It's happening—a portrait of the youth scene today. '67 (VI/3:187)

Strom, Merle T., ed. Needs of adolescent youth. '63 (III/4:253)

Tyler, E. J. Rural youth: their needs and interests. Ag Inst Rev 18:15 (I/3:188)

Extension Journal, Inc.

Extension Journal, Inc. is a quasi-official body of the Association of Land-Grant Colleges and State Universities and the Extension Committee on Organization and Policy (ECOP). It is a non-profit corporation organized for the purpose of publishing a journal for professional staff of Cooperative Extension Services and other leaders in adult education and community development.

Board of Directors

EDWIN L. KIRBY..... *President* .....Columbus, Ohio
Associate Extension Director, Ohio State University
Epsilon Sigma Phi

PAUL B. CROOKS..... *Vice President* .....Lafayette, Indiana
Associate Extension Director, Purdue University

G. L. VANDEBERG ..... *Secretary* .....Madison, Wisconsin
Dean, Division of Economic and Environmental Development
University Extension, University of Wisconsin

MISS EDDYE B. ROSS ..... *Executive Committee* ..... Athens, Georgia
State Home Demonstration Leader, University of Georgia

HAROLD B. SWANSON .... *Executive Committee* .... St. Paul, Minnesota
Extension Editor, University of Minnesota
American Association of Agricultural College Editors

A. GEORGE ALLEN .....New Hartford, New York
Cooperative Extension Agent
National Association of Extension 4-H Agents

MISS ALFRETTA E. DICKINSON .....Rockford, Illinois
Extension Adviser—Home Economics
National Association of Extension Home Economists

DALE GOODELL .....Honolulu, Hawaii
Associate Extension Director, University of Hawaii

MISS CANDACE HURLEY .....Ames, Iowa
Assistant Extension Editor, Iowa State University

T. H. PATTON .....University Park, Pennsylvania
Extension Director, Pennsylvania State University

J. NEIL RAUDABAUGH .....Washington, D.C.
Division of Extension Research and Training
Federal Extension Service

W. E. SKELTON .....Blacksburg, Virginia
Dean of Extension, Virginia Polytechnic Institute

EARLE A. WILDE .....Liberty, New York
County Agricultural Agent
National Association of County Agricultural Agents

Contents of Volume I

ARTICLES

Administration, A Philosophy of, RICHARD E. MCARDLE 213
Administration, County Extension, CARL F. MEES 85
Adoption Behavior, Individual, HERBERT F. LIONBERGER 157
Adoption Pattern, Community, HERBERT F. LIONBERGER 201
Adoption Process, The—Part I, EVERETT M. ROGERS 16
Adoption Process, The—Part II, EVERETT M. ROGERS 69
Adult Education and Family Life—Part I, CYRIL O. HOULE 133
Adult Education and Family Life—Part II, CYRIL O. HOULE 220
ALCORN, GEORGE B., Extension's Place in Public Policy 155
ANDERSON, ERNEST W., An Approach to Effective Teaching 9
Behavior in 4-H, Individual and Group, BARDIN H. NELSON 101
BIBLE, BOND L., Methods in Home Economics Extension 110
BLALOCK, T. C., GREENWOOD, and ABRAHAM, What the Public Thinks of Extension 47
BLALOCK, T. C., Role of the Subject-Matter Specialist 93
CARTER, G. L., JR., A Conception of 4-H—Part I 167
CARTER, G. L., JR., A Conception of 4-H—Part II 229
Chairman of the County Staff, Serving as, WILLIAM E. SKELTON 38
CLEGG, DENZIL O., Work as a Motivator 141
Corporation to Serve the Extension Profession, A, JOHN T. STONE 67
CRAVEN, RUBY, The Family Role in Decision Making 23
DAVIS, LLOYD H., On Being Professional 195
Decision Making, The Family Role in, RUBY CRAVEN 23
DURFEE, ARTHUR E., Changing Role of the Supervisor 149
Extension's Future, C. A. VINES, LOWELL H. WATTS, and W. ROBERT PARKS 239
Family Life—Part I, Adult Education and, CYRIL O. HOULE 133
Family Life—Part II, Adult Education and, CYRIL O. HOULE 220
4-H, A Conception of—Part I, G. L. CARTER, JR. 167
4-H, A Conception of—Part II, G. L. CARTER, JR. 229
HOULE, CYRIL O., Adult Education and Family Life—Part I 133
HOULE, CYRIL O., Adult Education and Family Life—Part II 220
Leader Training, Role of the Agent in, LAUREL K. SABROSKY 31
LIONBERGER, HERBERT F., Community Adoption Pattern 201
LIONBERGER, HERBERT F., Individual Adoption Behavior 157
Mass Media, Rural Families and, ROSSLYN WILSON 41
MCARDLE, RICHARD E., A Philosophy of Administration 213
MCKAIN, WALTER C., JR., Rural Suburbs and Their People 76
MEES, CARL F., County Extension Administration 85
Methods in Home Economics Extension, BOND L. BIBLE 110
MILLER, SIDNEY J., and WARNER, Trends in Social Participation 176
Motivator, Work as, DENZIL O. CLEGG 141
NELSON, BARDIN H., Individual and Group Behavior in 4-H 101
Professional and His Journal, The, E. T. YORK, JR. 5
Professional, On Being, LLOYD H. DAVIS 195

Professional, On Being, JEAN W. SCHEEL 131
Public Policy, Extension's Place in, GEORGE B. ALCORN 155
Public Thinks of Extension, What the, T. C. BLALOCK, MARY NELL GREENWOOD, and ROLAND H. ABRAHAM 47
ROGERS, EVERETT M., The Adoption Process—Part I 16
ROGERS, EVERETT M., The Adoption Process—Part II 69
Rural Suburbs and Their People, WALTER C. MCKAIN, JR. 76
SABROSKY, LAUREL K., Role of the Agent in Leader Training 31
SABROSKY, LAUREL K., School Missed by 4-H Members 210
SCHEEL, JEAN W., On Being Professional 131
School Missed by 4-H Members, LAUREL K. SABROSKY 210
SKELTON, WILLIAM E., Serving as Chairman of the County Staff 38
Social Participation, Trends in, SIDNEY J. MILLER and W. KEITH WARNER 176
Specialist, Role of the Subject-Matter, T. C. BLALOCK 93
STONE, JOHN T., A Corporation to Serve the Extension Profession .. 67
Supervisor, Changing Role of the, ARTHUR E. DURFEE 149
Teaching, An Approach to Effective, ERNEST W. ANDERSON 9
VINES, C. A., WATTS, and PARKS, Extension's Future 239
WILSON, ROSSLYN, Rural Families and the Mass Media 41
YORK, E. T., JR., The Professional and His Journal 5

BOOK REVIEWS

BEAL, BOHLEN, and RAUDABAUGH: *Leadership and Dynamic Group Action* ..... Maynard C. Heckel 55
BOONE and FERGUSON (eds.): *Changing Dimensions in Agriculture and Home Economics: Impact on Cooperative Extension Administration* ..... Marjorie E. Gillespie 58
BRUNNER, *et al.*: *An Overview of Adult Education Research* ..... Alto A. Straughn 118
CARTER and CLARK (eds.): *Selected Readings and References in 4-H Club Work* ..... R. O. Monosmith 57
CASSARA (ed.): *American Women: The Changing Image* ..... Jean A. Shipman 248
CLARK and ABRAHAM (eds.): *Administration in Extension* ..... Walter T. Wilkening 185
GARDNER: *Excellence* ..... Judith Berget 187
HOULE: *The Inquiring Mind* ..... Shirley S. Weeks 56
JOHNSON and MCCORMICK: *Staffing Decisions in the Cooperative Extension Service* ..... D. Robert Troyer 121
KELSEY and HEARNE: *Cooperative Extension Work* ..... Maurice A. Ellingson 250
KRECH, CRUTCHFIELD, and BALLACHEY: *Individual in Society* ..... Emily Quinn 183
LEVERTON: *Food Becomes You* ..... Velma B. Johnson 120
MCGREGOR: *The Human Side of Enterprise* ..... Alan P. Utz 117
ROGERS: *Diffusion of Innovations* ..... Arlen Lutz 184
SHURTLEFF: *How to Control Plant Diseases in the Home and Garden* ..... M. F. Bunnell and John Keene 119
SMITH and CHRISTIAN (eds.): *Adjustments in Agriculture—A National Basebook* ..... George S. Abshier 247
WILLMAN: *A 4-H Handbook and Lesson Guide* .... Robert F. Davis 249